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Beauty plus mobile application

Principal Goals

This application's main goal was to give users an easy-to-use and effective way to browse salons, view services, schedule appointments. For the benefit of both clients and salons, this application offers an integrated system that expedites the appointment booking process. Customers can use this application to look up salons in their area and see what services each one offers.

Intended Users

- Customer

Data Flow Diagram

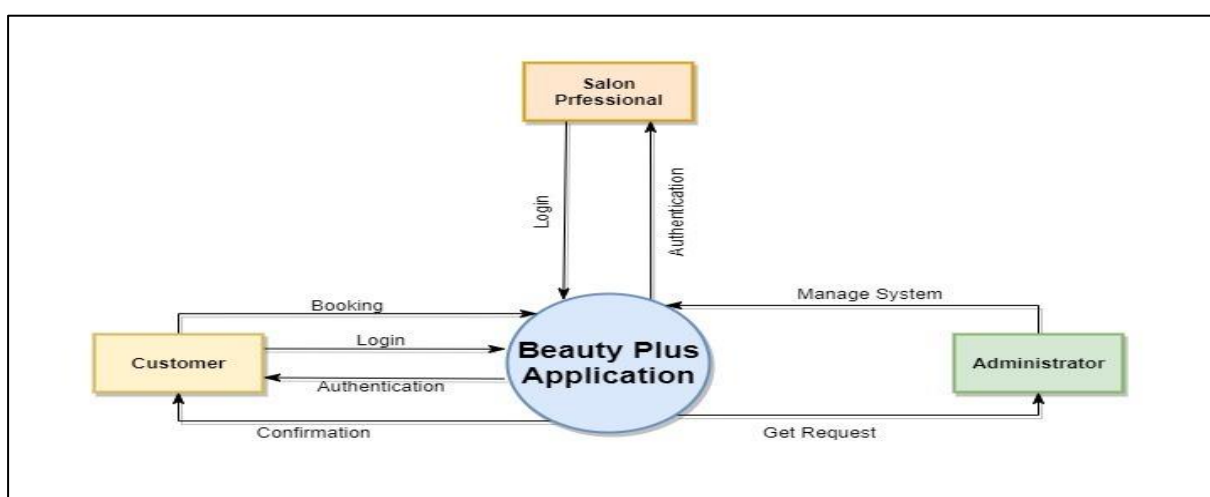


Figure 1 Data Flow Diagram

Sequence Diagram

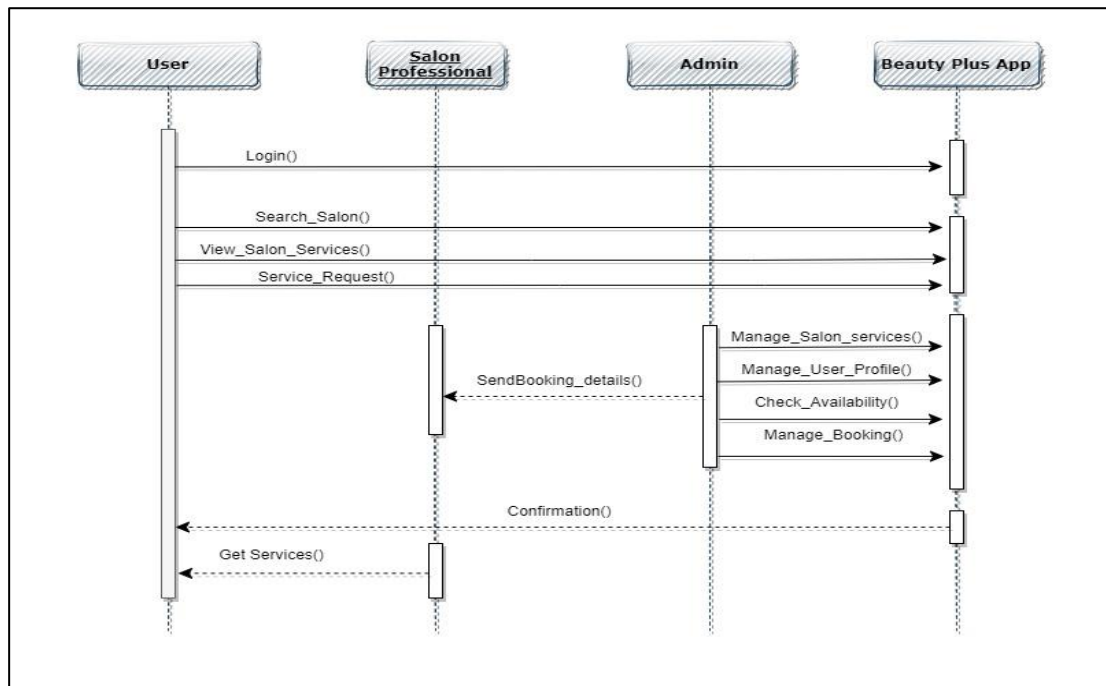


Figure 2Sequence Diagram

Software Design Decisions

Application was developed by using Android Studio and tested on emulator.

Java programming language is the source for developing the application.

Design & Layout

- Most app screens use a scroll view with a linear layout to accommodate different screen sizes. This ensures that all widgets and text will be displayed correctly on any device.
- There is a consistent theme of a top app bar and bottom navigation bar throughout the app. The student and tutor navigation bars have slight variations due to the number of icons displayed.

Libraries Used and Code Screenshots

```
package com.beautyplus.application

import android.app.Application
import com.beautyplus.ui.model.BookingModel

class AppData : Application() {
    companion object{
        val list = arrayListOf<BookingModel>().apply {
            add(
                BookingModel(
                    id = "",
                    name = "Sally Beauty (Middlesbrough, England)",
                    email = "demo@gmail.com",
                    slot = "10 AM to 11 AM",
                    address = "Industrial Estate, Unit 10 Newport Way, Cannon Park Way, Middlesbrough TS1 5JW, UK"
                )
            )
            add(
                BookingModel(
                    id = "",
                    email = "test@gmail.com",
                    slot = "11 AM to 12 AM",
                    name = "Aspire Hairdressing & Beauty",
                    address = "159 Linthorpe Rd, Middlesbrough TS1 4AG, United Kingdom"
                )
            )
            add(
                BookingModel(
                    id = "",
                    email = "lorem@gmail.com",
                    slot = "12 AM to 1 PM",
                    name = "Salon Services",
                    address = "1 Douglas Cl, Preston Farm Industrial Estate, Stockton-on-Tees TS18 3SB, UK"
                )
            )
            add(
                BookingModel(
                    id = "",
                    email = "demo1@gmail.com",
                    slot = "1 PM to 2 PM",
                    name = "Trade Hair Supplies (Ray & Co)",
                    address = "3 Newport Way, Middlesbrough TS1 5JW, UK"
                )
            )
            add(
                BookingModel(
                    id = "",
                    email = "demo2@gmail.com",
                    slot = "2 PM to 3 PM",
                    name = "A&S Beauty",
                    address = "67 Newport Rd., Middlesbrough TS1 1LA, United Kingdom"
                )
            )
        }
    }
}
```

Figure 3AppConfiguration Libraries and Code

```

package com.beautyplus.routing

import androidx.compose.runtime.Composable
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.beautyplus.ui.booking.BookingScreen
import com.beautyplus.ui.booking_history.BookingHistoryScreen
import com.beautyplus.ui.detail.DetailScreen
import com.beautyplus.ui.login.LoginScreen
import com.beautyplus.ui.main.MainScreen
import com.beautyplus.ui.sign_up.SignUpScreen
import com.beautyplus.ui.splash.SplashScreen

@Composable
fun Navigation() {
    val navController = rememberNavController()

    NavHost(
        navController = navController,
        startDestination = Screen.SplashScreen.route
    ) {
        composable(route = Screen.SplashScreen.route) {
            SplashScreen(navController = navController)
        }
        composable(route = Screen.LoginScreen.route) {
            LoginScreen(navController = navController)
        }
        composable(route = Screen.SignUpScreen.route) { navBackStack ->
            SignUpScreen(navController = navController)
        }
        composable(route = Screen.MainScreen.route) { navBackStack ->
            MainScreen(navController = navController)
        }
        composable(route = Screen.DetailScreen.route + "/" + "{name}" + "/" + "{address}") { navBackStack ->
            val name = navBackStack.arguments?.getString("name")
            val address = navBackStack.arguments?.getString("address")
            if (name != null) {
                if (address != null) {
                    DetailScreen(
                        navController = navController,
                        name = name,
                        address = address,
                    )
                }
            }
        }
    }
}

```

Figure 4 routing navigation in Libraries and Code

```

package com.beautyplus.routing

sealed class Screen(val route: String) {

    object SplashScreen: Screen("splash_screen")
    object LoginScreen: Screen("login_screen")
    object SignUpScreen: Screen("signup_screen")
    object MainScreen: Screen("main_screen")
    object DetailScreen: Screen("detail_screen")
    object BookingScreen: Screen("booking_screen")
    object BookingHistory: Screen("booking_history")

}

```

Figure 5 routing screen in Libraries and Code

```

package com.beautyplus.ui.sign_up

import android.annotation.SuppressLint
import android.app.Dialog
import android.util.Log
import android.util.Patterns
import android.webkit.WebView
import android.widget.Toast
import androidx.activity.compose.BackHandler
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.clickable
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.*
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.Alignment.Companion.BottomCenter
import androidx.compose.ui.ExperimentalComposeUiApi
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.clip
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.colorResource
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.text.input.PasswordVisualTransformation
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.compose.ui.window.Dialog
import androidx.compose.ui.window.DialogProperties
import androidx.navigation.NavController
import com.beautyplus.MainActivity
import com.beautyplus.R
import com.beautyplus.routing.Screen
import com.beautyplus.ui.beautyPlusPreference.BeautyPlusPreference
import com.beautyplus.ui.theme.BeautyPlusTheme
import com.beautyplus.ui.theme.appColor
import com.beautyplus.ui.theme.white
import com.beautyplus.utils.BeautyPlusField
import com.beautyplus.utils.RoundedButton
import com.beautyplus.utils.isValidEmail
import com.beautyplus.utils.isValidText
import com.google.firebase.auth.FirebaseAuth
import com.google.firebase.firestore.ktx.firestore
import com.google.firebase.ktx.Firebase

```

Figure 6 UI SignUpScreen in Libraries and Code

```

package com.beautyplus.ui.detail

import android.annotation.SuppressLint
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.rememberScrollState
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.verticalScroll
import androidx.compose.material.icons.Icons
import androidx.compose.material.icons.rounded.ArrowBack
import androidx.compose.material3.*
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.ExperimentalComposeUiApi
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import com.beautyplus.R
import com.beautyplus.routing.Screen
import com.beautyplus.ui.model.SaloonModel
import com.beautyplus.ui.theme.BeautyPlusTheme
import com.beautyplus.ui.theme.appColor
import com.beautyplus.ui.theme.white
import com.beautyplus.utils.RoundedButton

@OptIn(ExperimentalMaterial3Api::class, ExperimentalComposeUiApi::class)
@SuppressLint("UnusedMaterial3ScaffoldPaddingParameter")
@Composable
fun DetailScreen(navController: NavController, name: String, address: String) {
    val context = LocalContext.current
    val scrollState = rememberScrollState()
    BeautyPlusTheme {
        Scaffold {
            Column(
                modifier = Modifier
                    .background(color = appColor)
                    .padding(top = 40.dp)
                    .verticalScroll(scrollState)
            ) {
                SmallTopAppBar(
                    title = {
                        Text(
                            text = "Detail Screen", color = Color.White,
                            modifier = Modifier
                                .fillMaxWidth()

```

Figure 7 UI DetailScreen in Libraries and Code


```

package com.beautyplus.utils

import androidx.compose.foundation.background
import androidx.compose.foundation.layout.Box
import androidx.compose.foundation.layout.PaddingValues
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.Button
import androidx.compose.material3.ButtonDefaults
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Brush
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import com.beautyplus.ui.theme.appColor

@Composable
fun RoundedButton(text: String, isEnabled : Boolean = true, onClick: () -> Unit, textColor : Color = Color.White) {
    GradientButton(
        onClick = onClick,
        modifier = Modifier.padding(vertical = 5.dp).fillMaxWidth(),
        textColor = textColor,
        isEnabled = isEnabled,
        gradient = Brush.horizontalGradient(listOf(appColor, appColor)),
        text = text
    )
}

@Composable
fun GradientButton(
    text: String,
    gradient : Brush,
    modifier: Modifier = Modifier,
    onClick: () -> Unit = { },
    textColor: Color,
    isEnabled: Boolean
) {
    Button(
        modifier = modifier,
        colors = ButtonDefaults.buttonColors(containerColor = Color.Transparent, contentColor = textColor),
        contentPadding = PaddingValues(),
        shape = RoundedCornerShape(30.dp),
        enabled = isEnabled,
        onClick = { onClick() },
    )
}

```

Figure 10 *UtilsRoundedButton in Libraries and Code*

Social, Legal, ethical and Security Issues



Figure 11 Social, Legal, ethical and Security Issues

Social Issues

- **Transparent Objective**

In order to enable customers to make informed decisions, the Beauty Plus mobile application should make an effort to give clear and accurate information about the salon's services, including service prices with or without tax and available slots.

- **Social Community Effect**

The Beauty Plus mobile application must take into account how it would affect small companies and local communities, particularly how it might cause smaller salons to lose out to larger chains or internet platforms.

- **Body Image Positivity**

In order to improve social approaches, the Beauty Plus mobile application should consider how it can support diversity and body positivity for people of all shapes and sizes.

- **Service Equality**

The major service goal of the Beauty Plus mobile app should be to stop discrimination of any kind in salon services on the basis of socioeconomic status, gender, sexual orientation, or race.

Legal Issues

- **Data Privacy and Safeguard**

Beauty Plus mobile application should try to secure the user information including their contact details, booking history, and payment details according to the **General Data Protection Regulation (GDPR)** and **European Economic Area (EEA)**

- **Concern of Copyright**

According to **The Copyright, Designs and Patents Act 1988 (CDPA)** the management of the Beauty Plus mobile app is required to make an effort to uphold the stylist's and salon owner's intellectual property rights policies, including their trademarks, logos, and any copyrighted material that is utilized in the app.

- **Clarification the Legal Responsibilities**

In the event that there are any disagreements, accidents, or losses resulting from the use of the application, the administration of the Beauty Plus mobile app must make clear the legal obligations of the application developer, salon owners, and users. The need full acts are **Privacy and Electronic Communications Regulations (PECR)** and **Children's Code**

Ethical Issues

- **Consent and permission of User**

Before disclosing a user's location or personal information to the Beauty Plus mobile application, the app should make every effort to obtain the user's consent.

- **Equitable Commercial Procedures**

The Beauty Plus mobile application need to endeavour to advance equitable competitiveness and moral business conduct in the beauty industry, including clear and honest pricing, equitable compensation for salon employees, and conscientious advertising.

- **Algorithmic Biasing Nature**

The Beauty Plus mobile app ought to guarantee its users that specific salon types or clients are not subjected to discrimination by the app's search and recommendation algorithms.

Security Issues

- **Data Security and Safety**

It is recommended that the Beauty Plus Mobile Application incorporate strong security measures to safeguard users' financial and personal information against illegal access, cyber-attacks, and data breaches.

- **Authentication Validation**

The primary focus of The Beauty Plus Mobile service should be implementing robust authentication methods, such as biometric authentication and multi-factor authentication, to confirm the identities of users and salon employees accessing the service.

- **Salon Reviews**

To avoid false or misleading information, the Beauty Plus mobile application should work to create rules for user-generated reviews.

Development Strategy:

Agile Methodology is used.

Phases

Sprint Goal

The sprint goals are: Requirement and R&D for Beauty Plus App, Development of UI Design for App, Deployment of GIT and Code, Testing, Debugging, and Final Deployment.

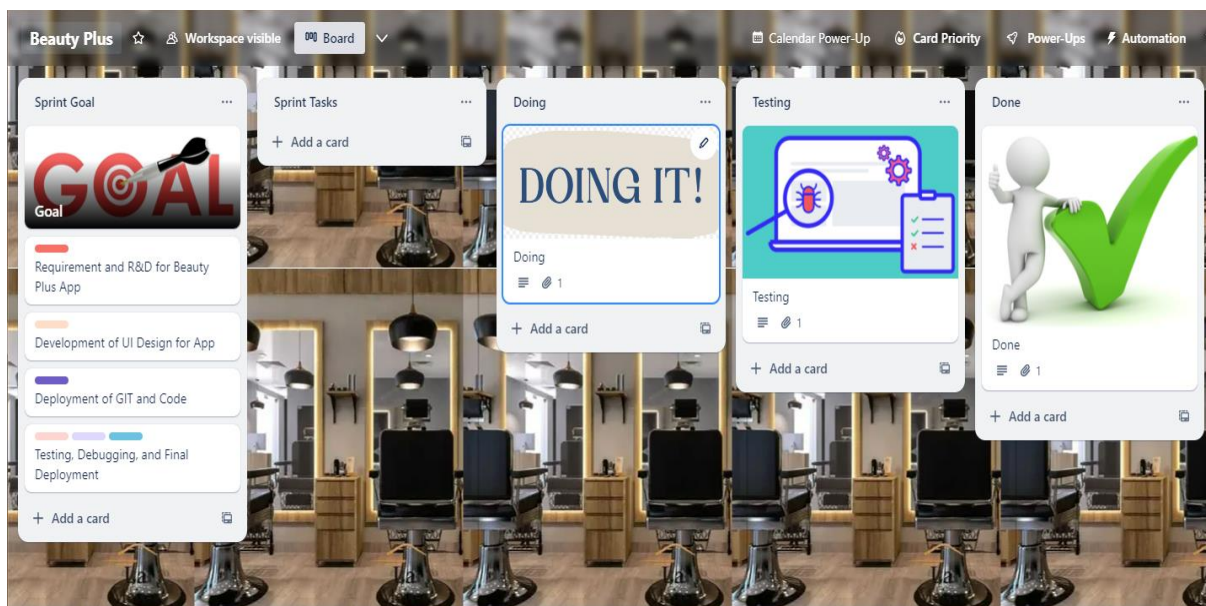


Figure 12 Sprint goals for development in trello board

Phase-1

In this phase, tasks are drawn for the sprints. Each sprint is time bounded. The tasks are shown in the below screenshots.

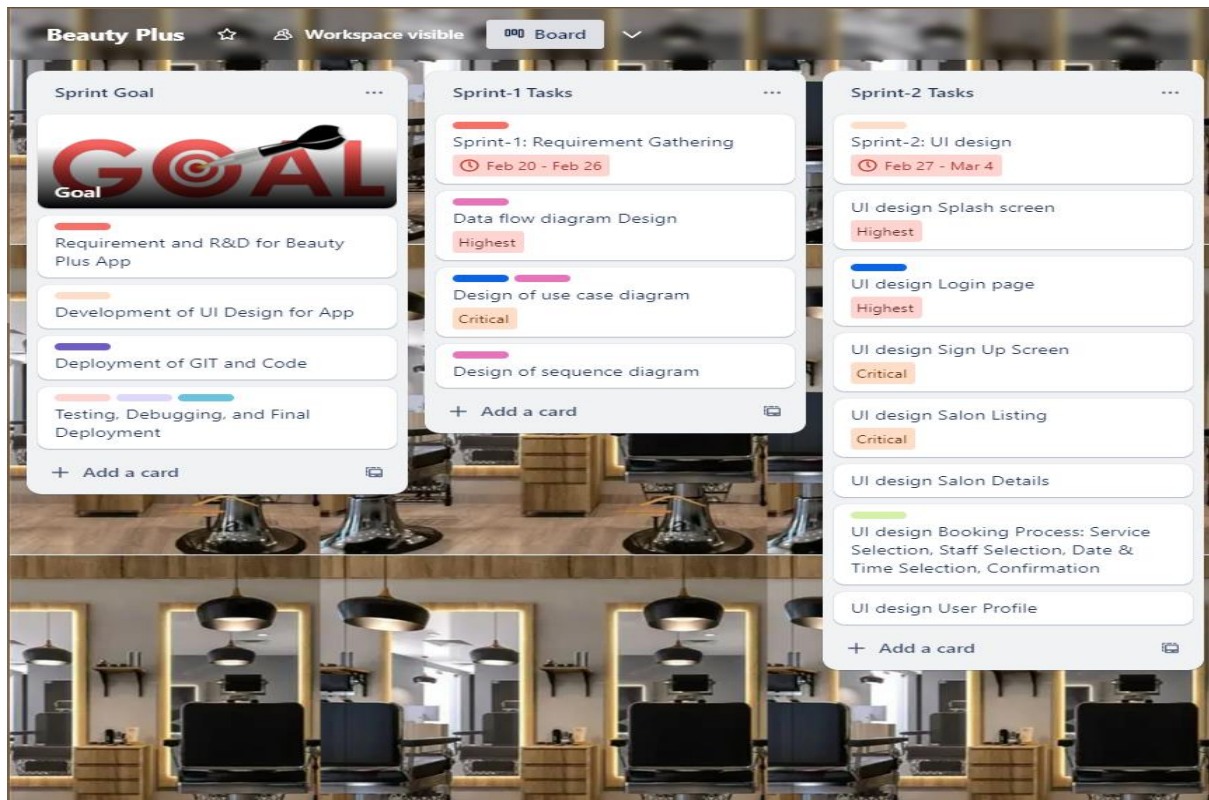


Figure 13 Sprint task for sprint 1 & 2

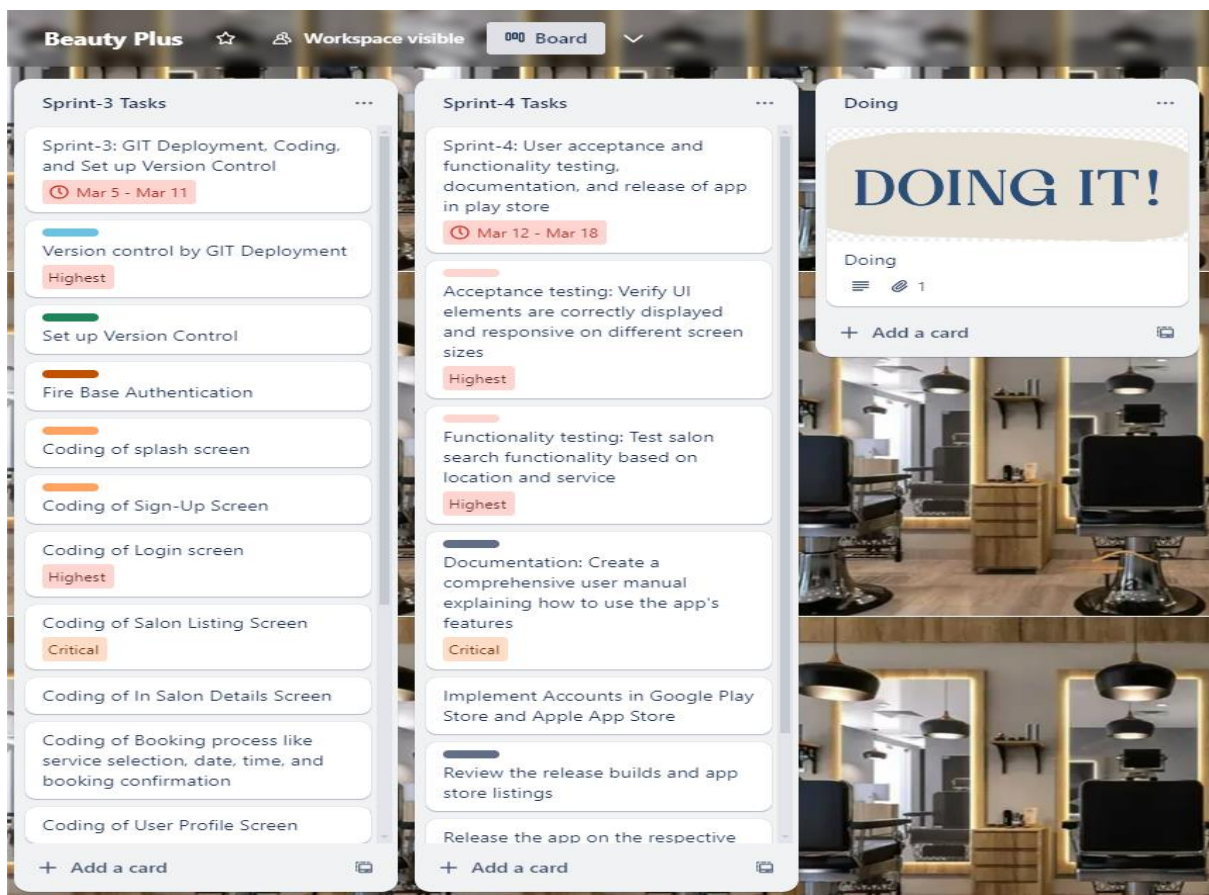


Figure 14 Sprint task for sprint 1 & 2

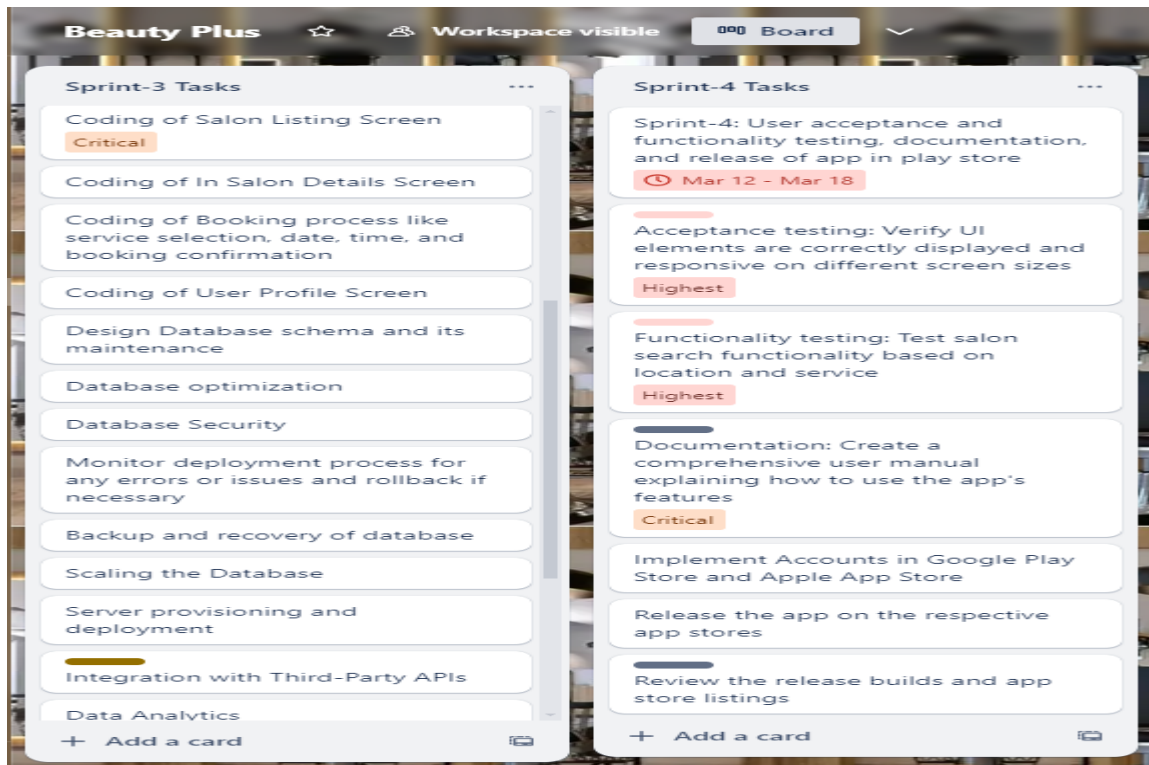


Figure 15 Sprint task for sprint 1 & 2

Phase-2: The tasks are carried out. There are some tasks are difficult to implement. Hence, they are moved to Abandoned Tasks list.

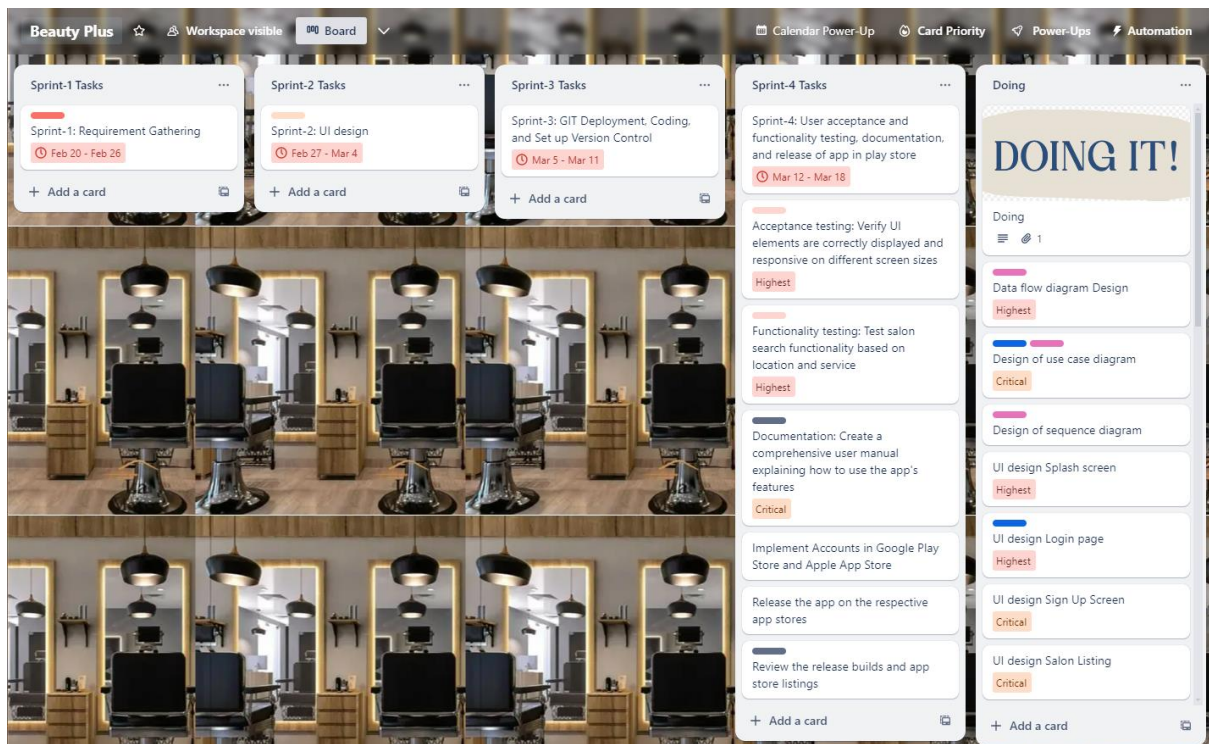


Figure 16 Doing task list in trello

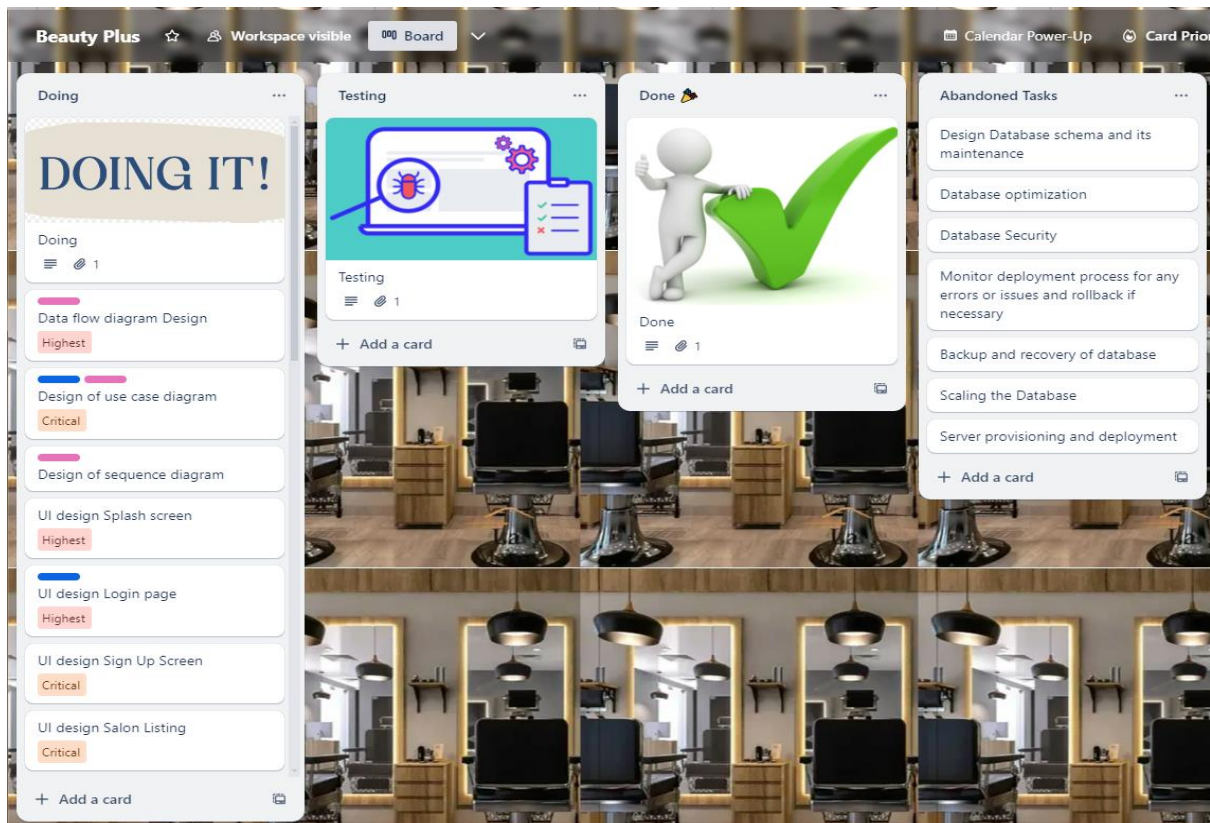


Figure 17 Abandoned tasks in trello

Phase-3:After tasks completion, we move the whole card to Done list. On the other hand, we start testing of the developed app. In between, the release and documentation tasks are carried out. The tasks which could not be completed, moved to Could Not Reach List.

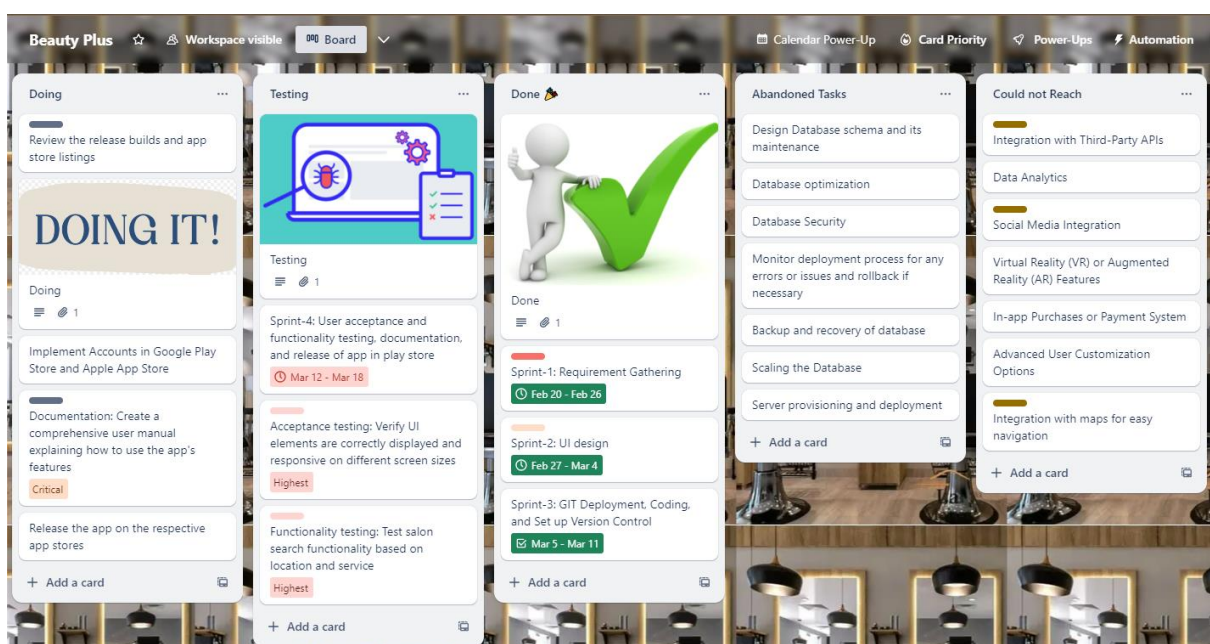


Figure 18 Testing tasks list in trello

Phase-4:The app is released after testing completion.

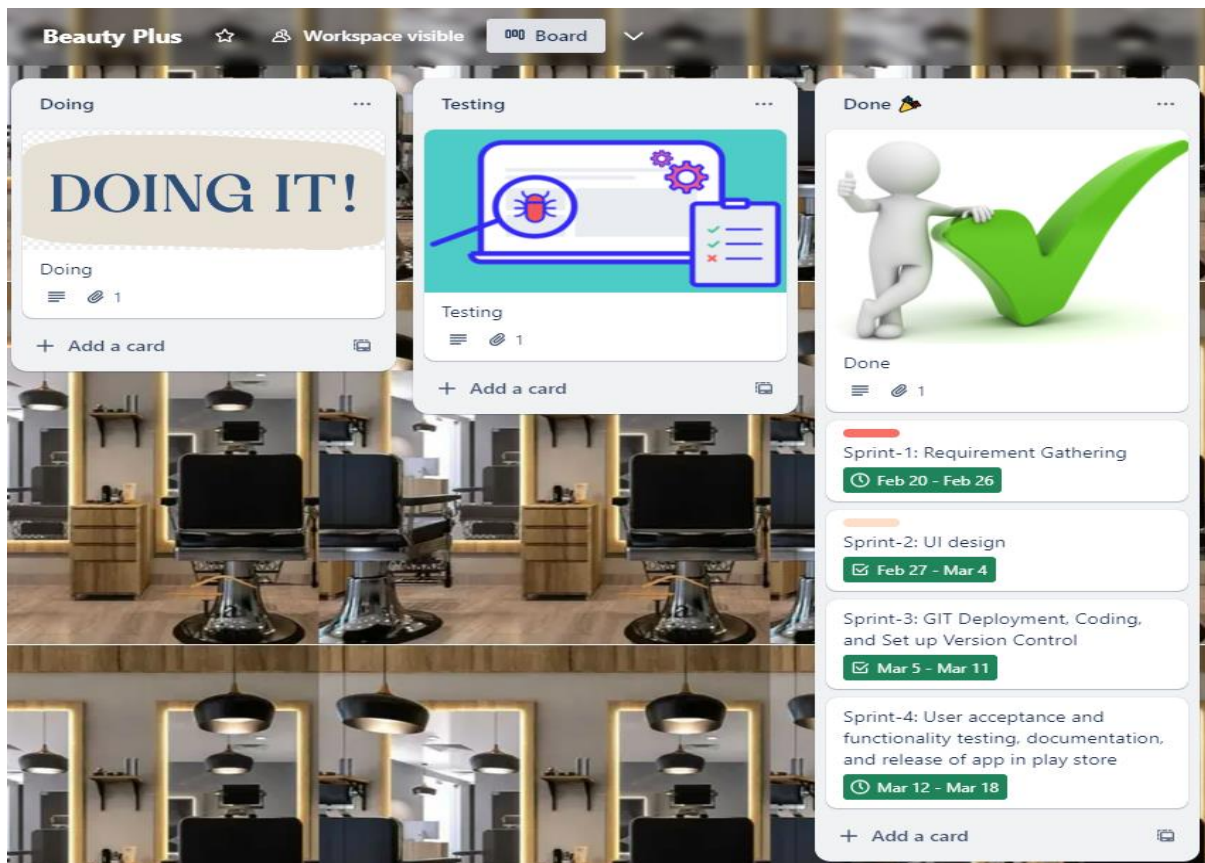


Figure 19 completed task list in trello

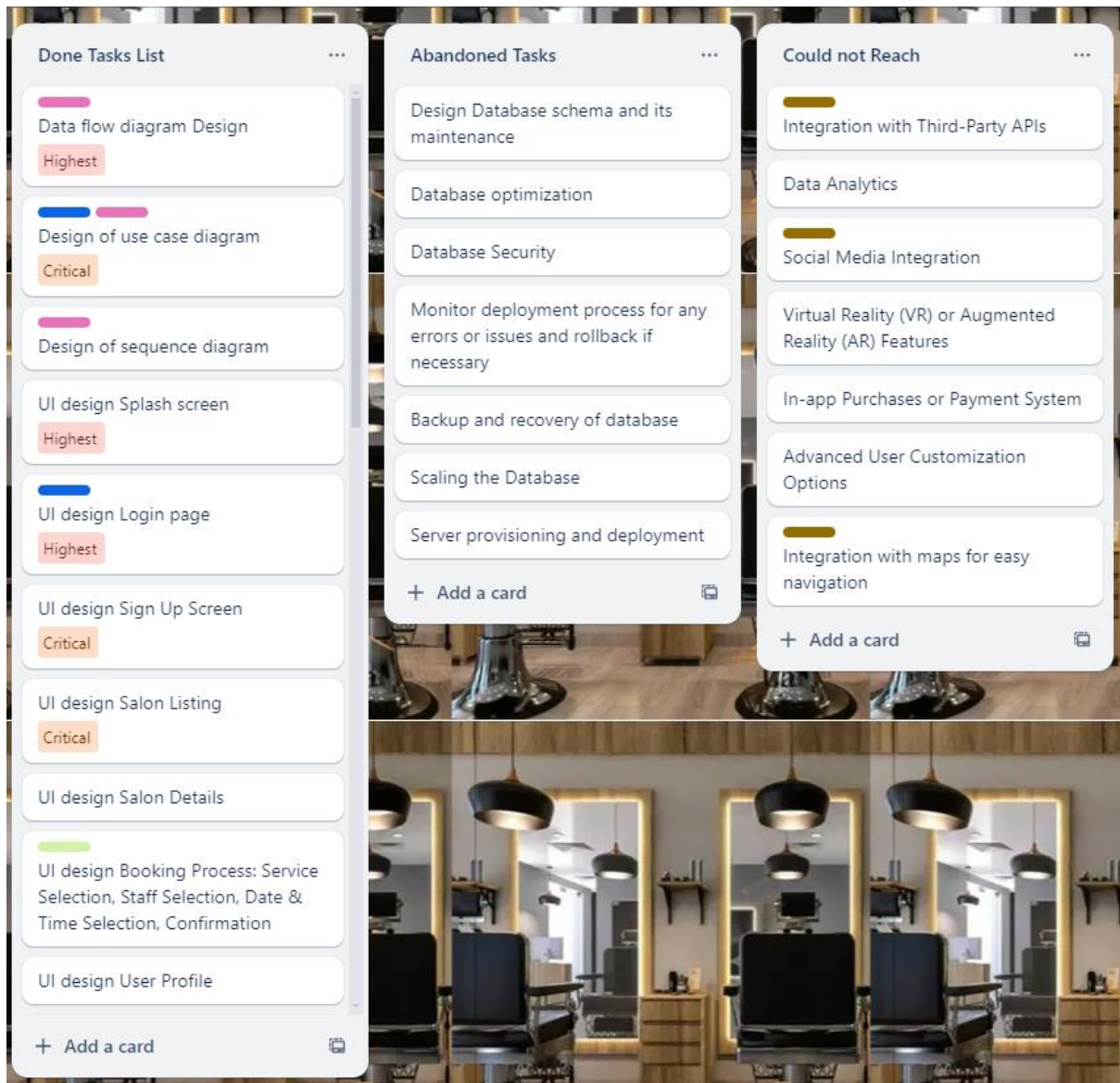


Figure 20 Could not reach task list in trello

Burn-Down Charts

Sprint 1:

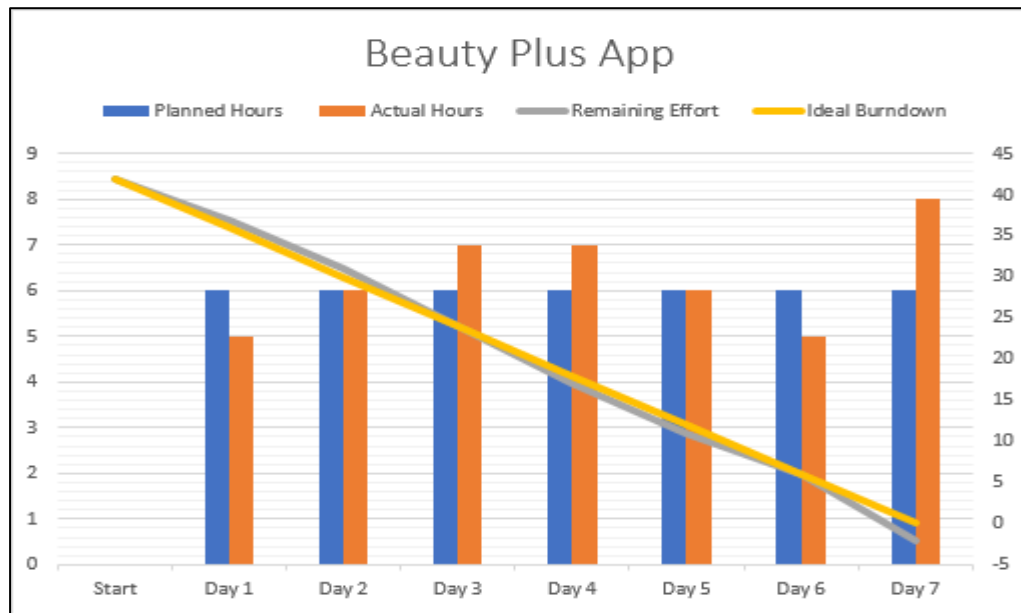


Figure 21 Burn-Down Chart for Sprint 1

Sprint 2:

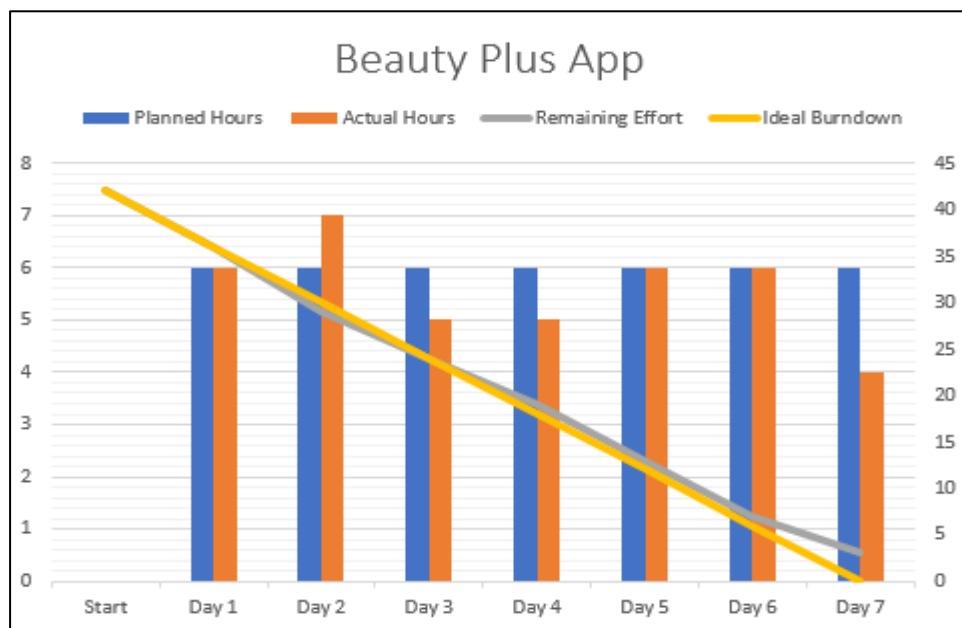


Figure 22 Burn-Down Chart for Sprint 2

Sprint 3:

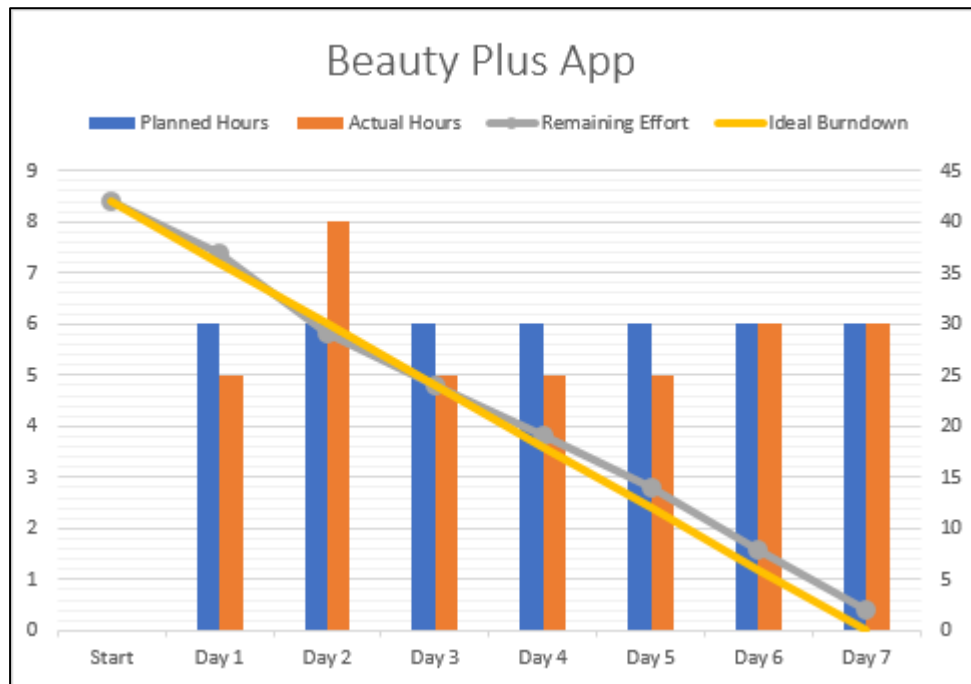


Figure 23 Burn-Down Chart for Sprint 3

Sprint 4:

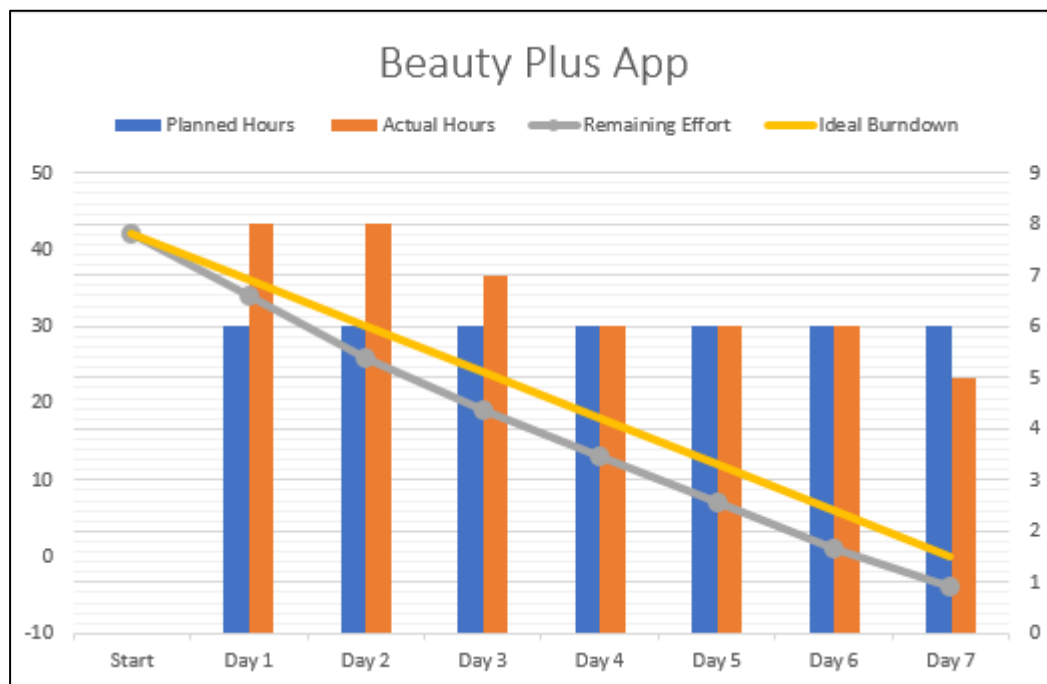


Figure 24 Burn-Down Chart for Sprint 4

Firestore DB at backend and regarding API authentication and searching

Firestore Authentication Screenshots

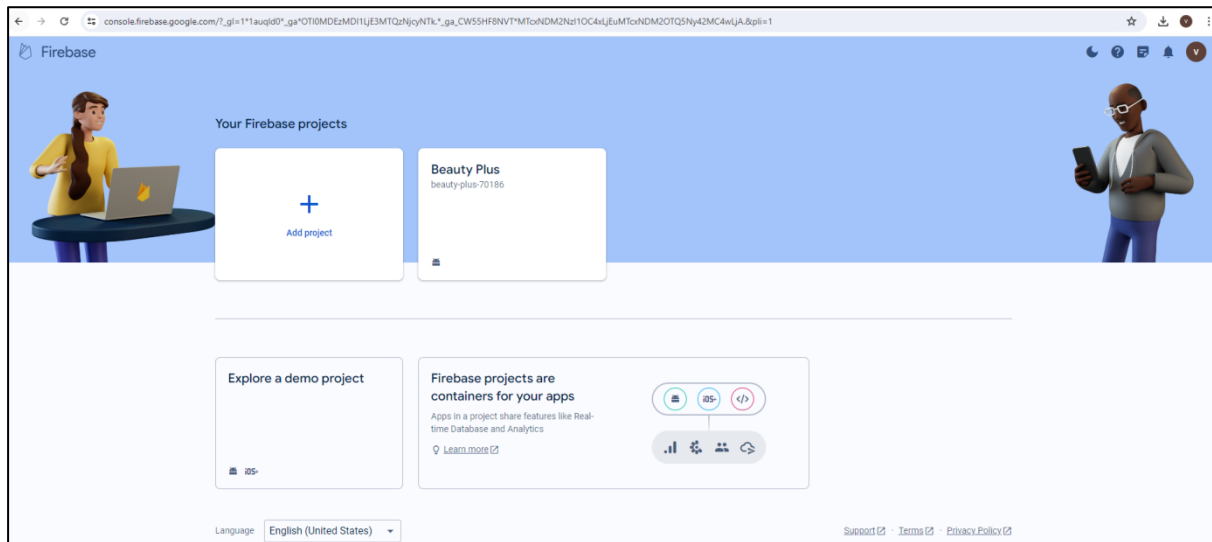


Figure 25 firestore database authentication for application

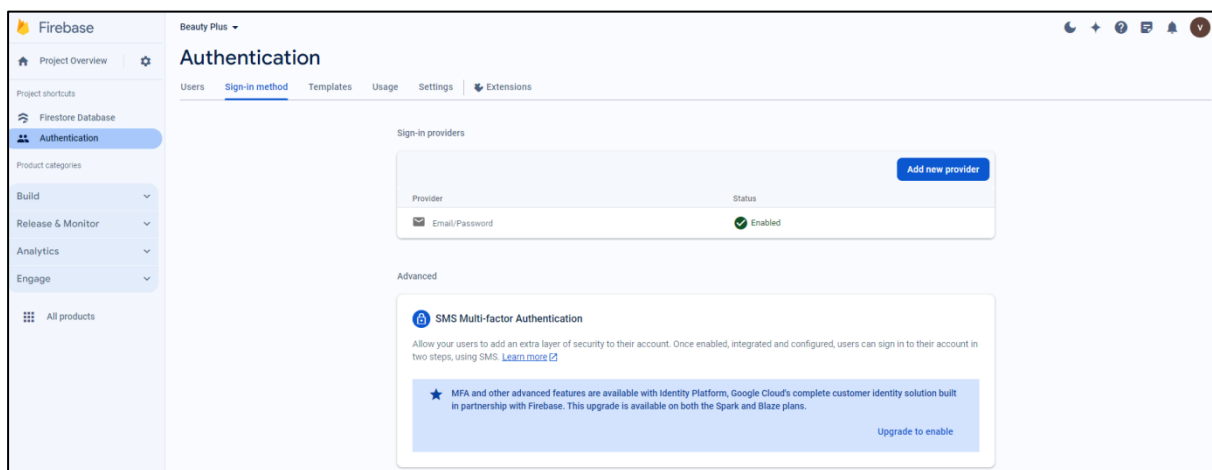


Figure 26 sign in method in firestore

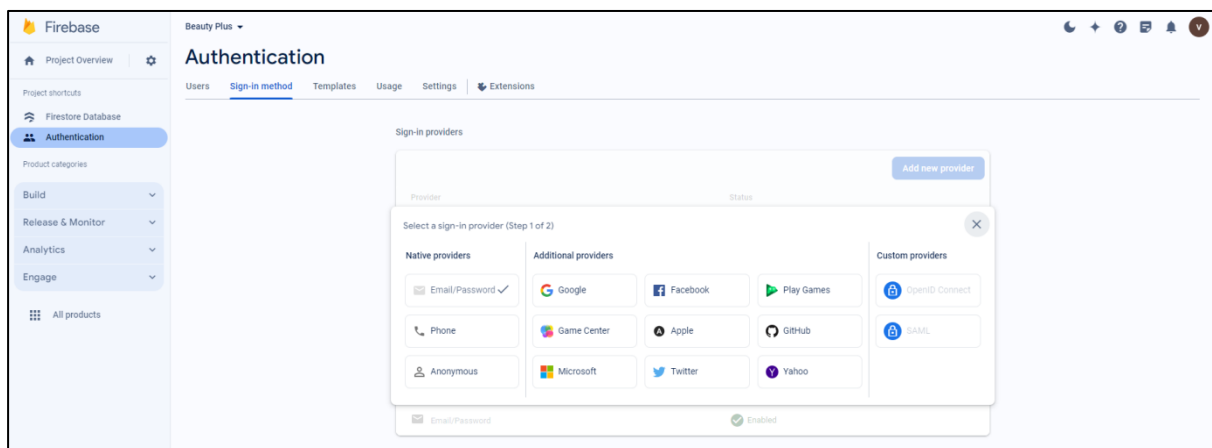


Figure 27 firestore email sign in

Figure 28 shows the Firebase Authentication Users page. The table lists the following users:

Identifier	Providers	Created	Signed In	User UID
sushil@gmail.com	Google	Apr 29, 2024	Apr 29, 2024	up1AvOgPunVQEC2ZnK84dUL...
abc@gmail.com	Google	Apr 29, 2024	Apr 29, 2024	P8mZCMhWBmeTQC334vapp...
vamshikasam06@gmail...	Google	Apr 29, 2024	Apr 29, 2024	nCDPmyG96EPLQZs6d77CIZ...
vamshikrishna22334@...	Google	Apr 29, 2024	Apr 29, 2024	3M9c0fJasixvS5i3zgrh7pVw2
anshu@gmail.com	Google	Apr 28, 2024	Apr 28, 2024	Zwh6nNM02LUcKYTD38Aa06...
anuj@gmail.com	Google	Apr 27, 2024	Apr 27, 2024	Rd1ggeddKaGQK1rZE6XfVgk...
saroj@gmail.com	Google	Apr 27, 2024	Apr 27, 2024	tmPumwKd0S8aygY0uvV6u7a...
test@gmail.com	Google	Apr 26, 2024	Apr 26, 2024	mH0trJpVjgVgBuVUKu00y...

Figure 28 fire base user list page

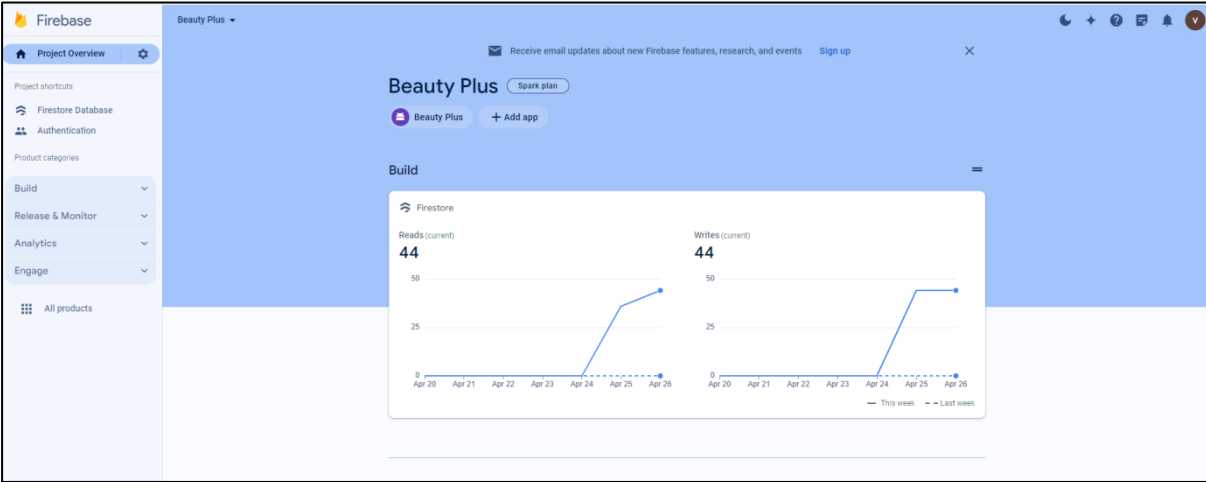


Figure 29 graph in firebase DB

Figure 30 shows the Firebase DB console. The table lists the following document:

Document ID	Fields
1CP7f9E5ljsFQbAzorAK	mobile: "8952586936" name: "Vwbeby" password: "aira@888"

Figure 30 add document in firebase DB

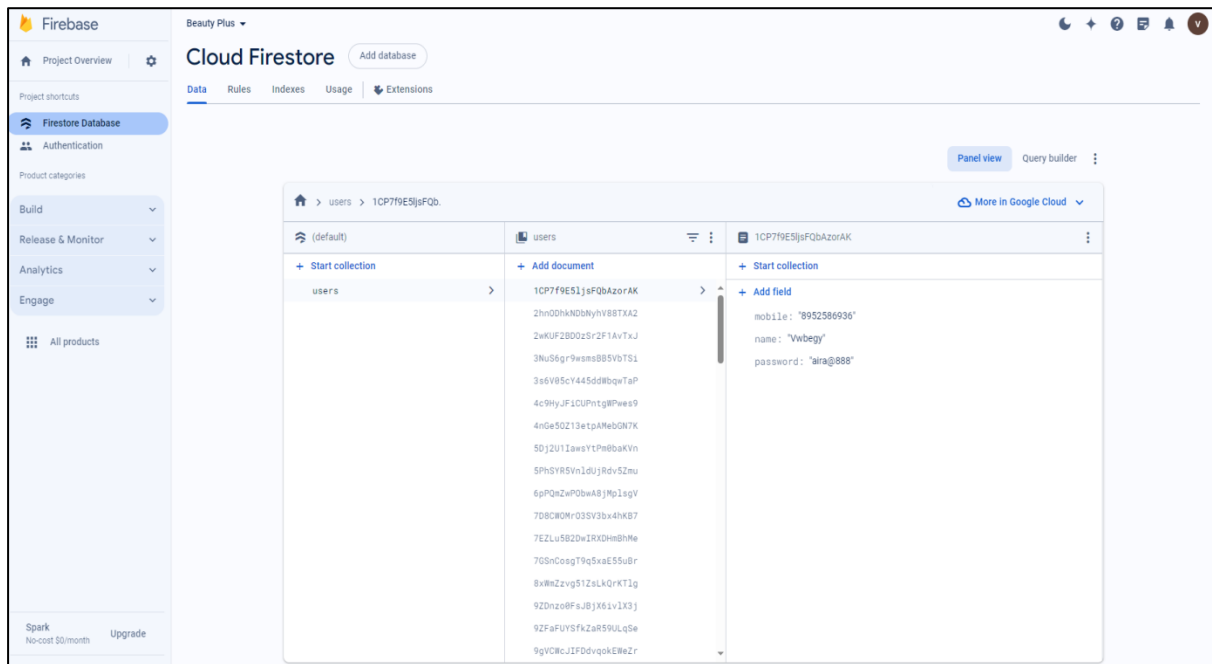


Figure 31 cloud firestore

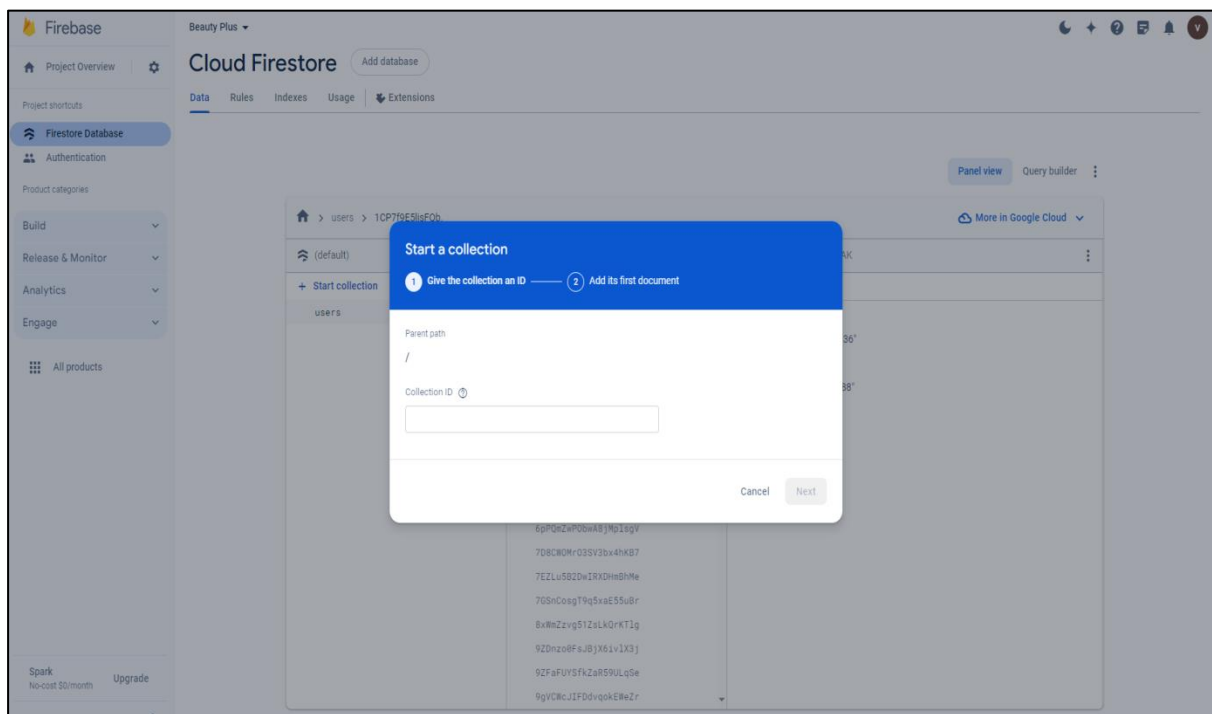


Figure 32 start a collection in cloud firestore

Beauty Plus Mobile Application (UI)

1. Welcome Page –



Figure 33 Welcome page of application

2. Registration Page –

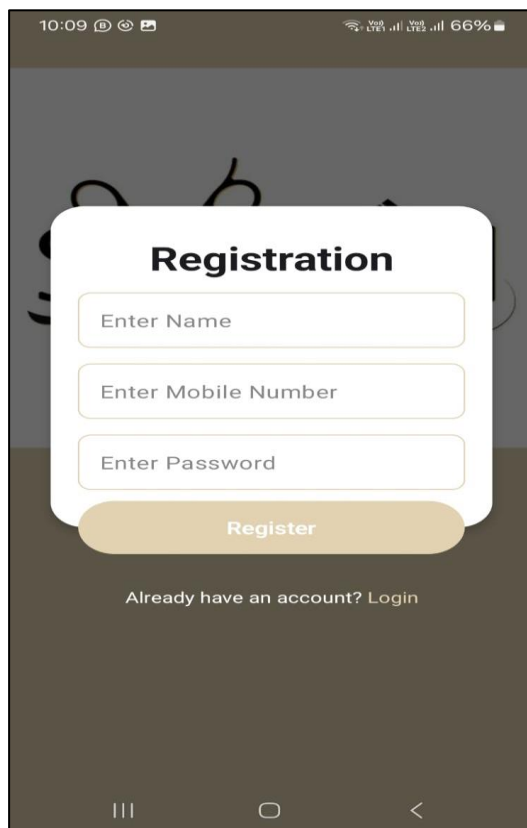


Figure 34Registration Page of application

3. Login Page –

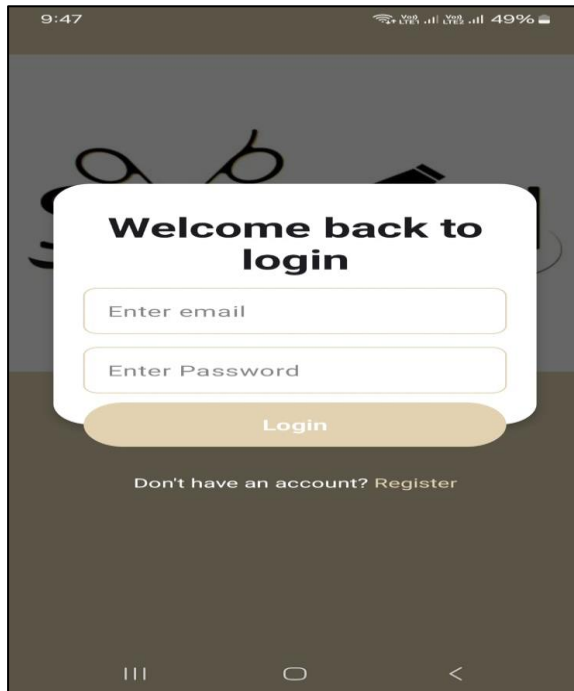


Figure 35 Log in Page of application

4. Home page –

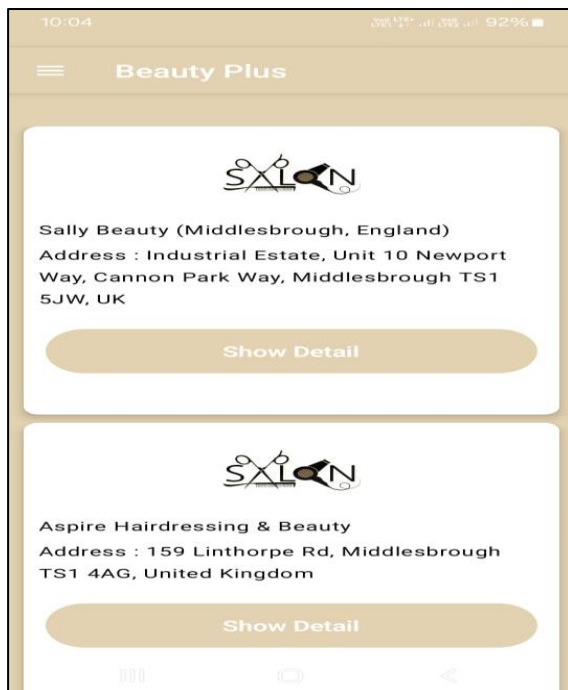


Figure 36 Home Page of application-1

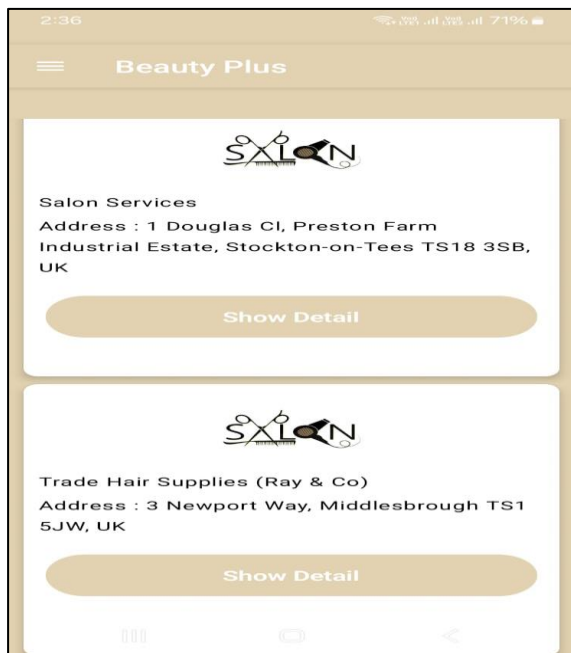


Figure 37 Home Page of application-2

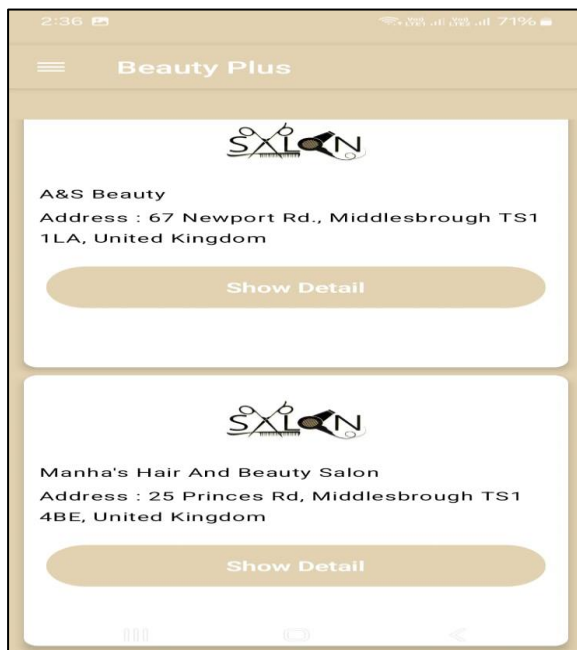


Figure 38 Home Page of application-3



Figure 39 Home Page of application-4

5. Details Page –

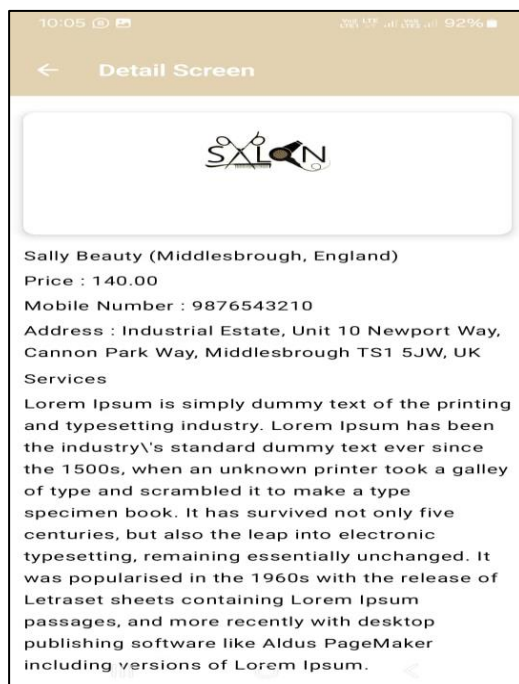


Figure 40 Details Page of application-1

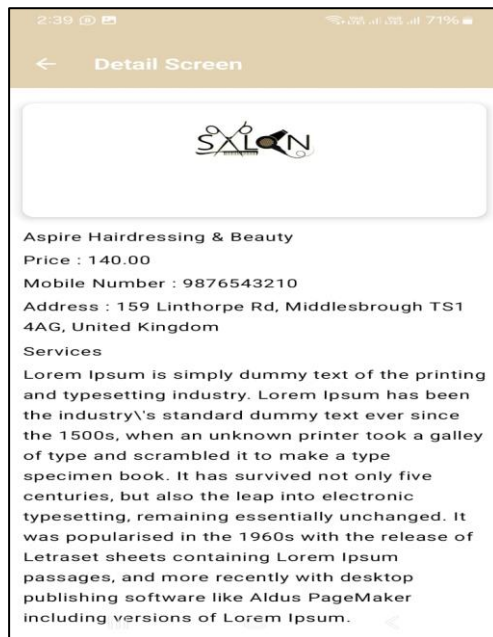


Figure 41 Details Page of application-2

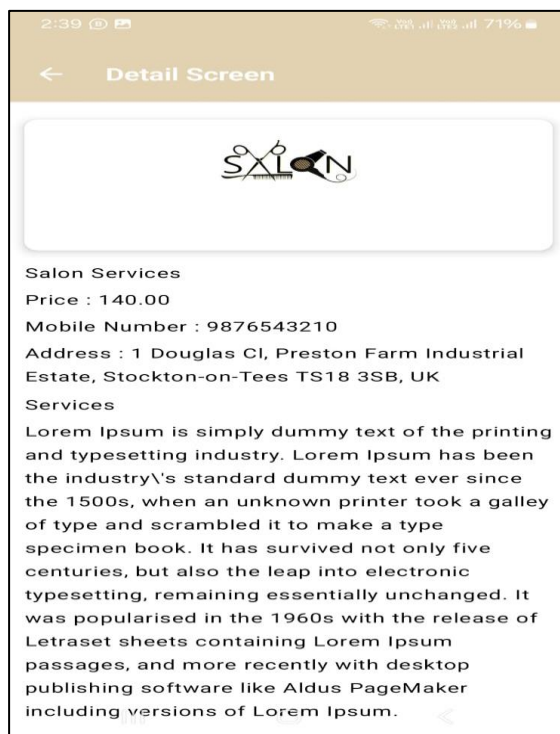


Figure 42 Details Page of application-2

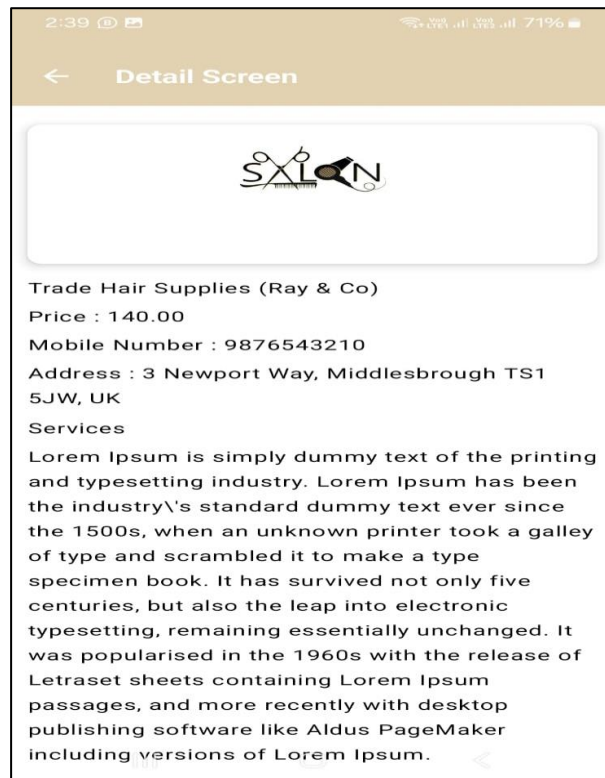


Figure 43 Details Page of application-3

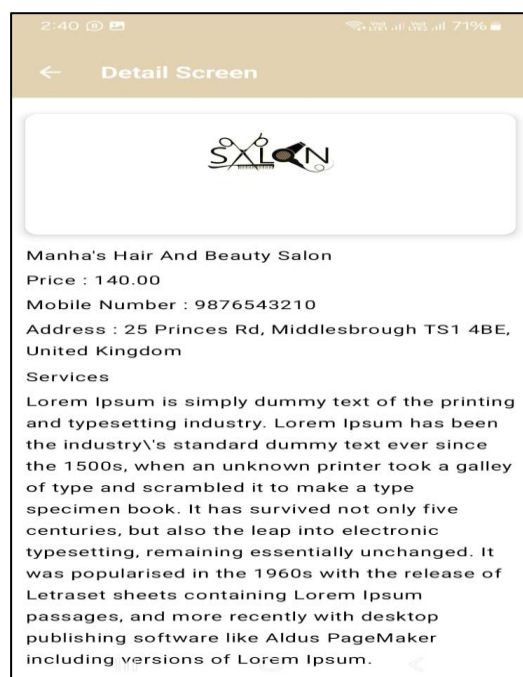


Figure 44Details Page of application-4

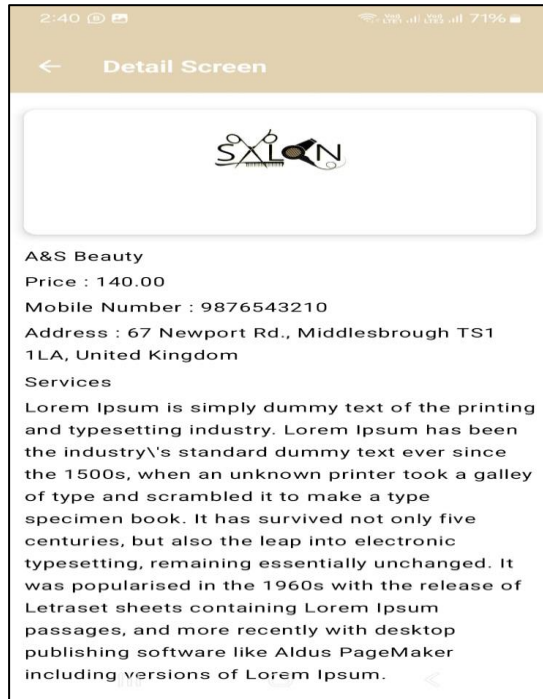


Figure 45 Details Page of application-5

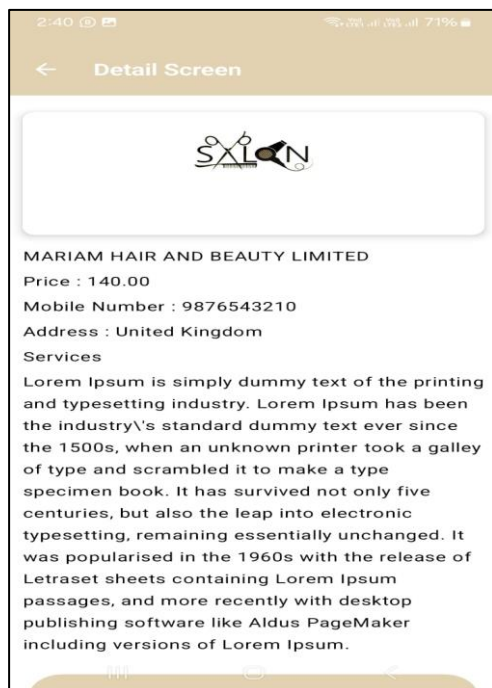


Figure 46 Details Page of application-6

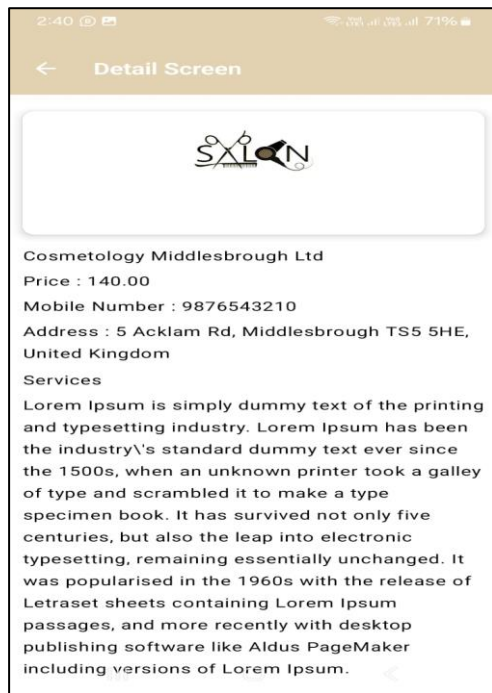


Figure 47 Details Page of application-7

6. Booking Page–

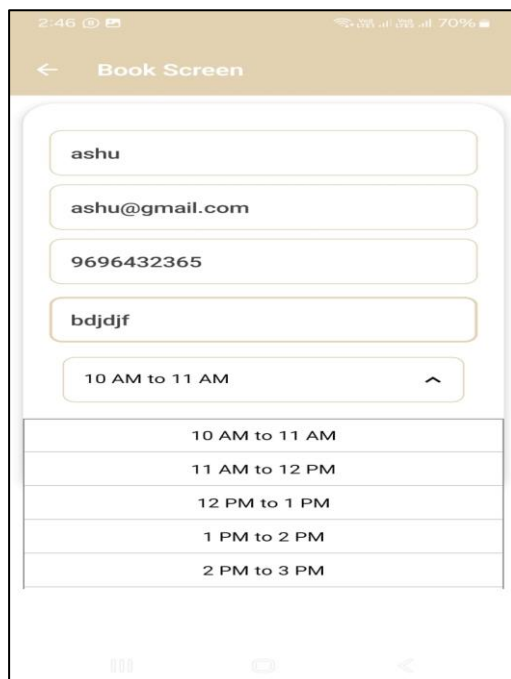


Figure 48Booking Page of application-1

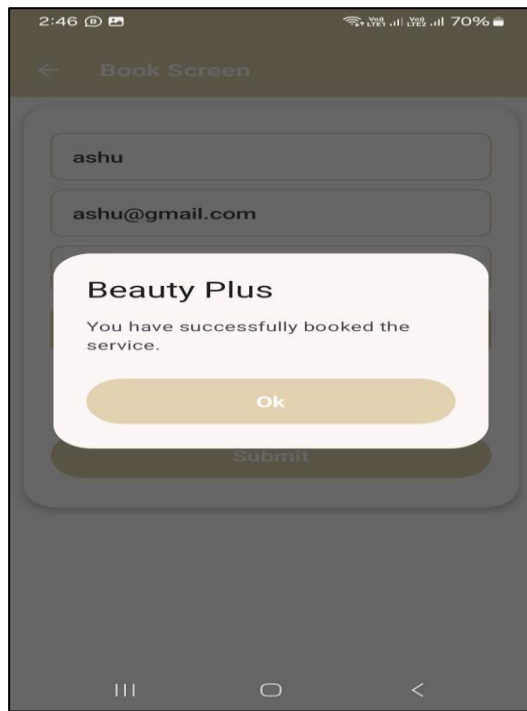


Figure 49Booking Page of application-2

7. Booking History Page –

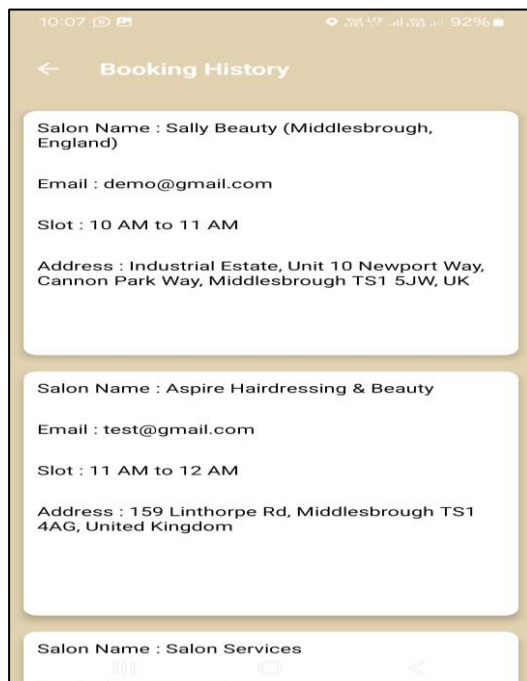


Figure 50Booking History Page in application

8. Log out Page –

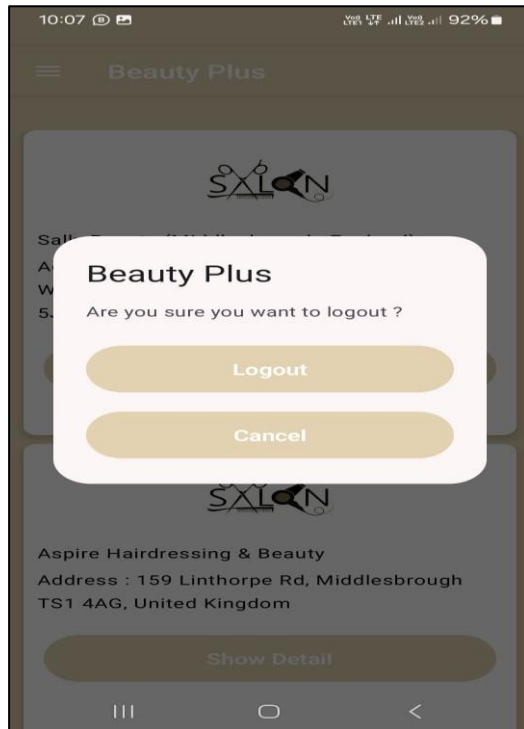


Figure 51 Log out page in application

GIT

1st commit

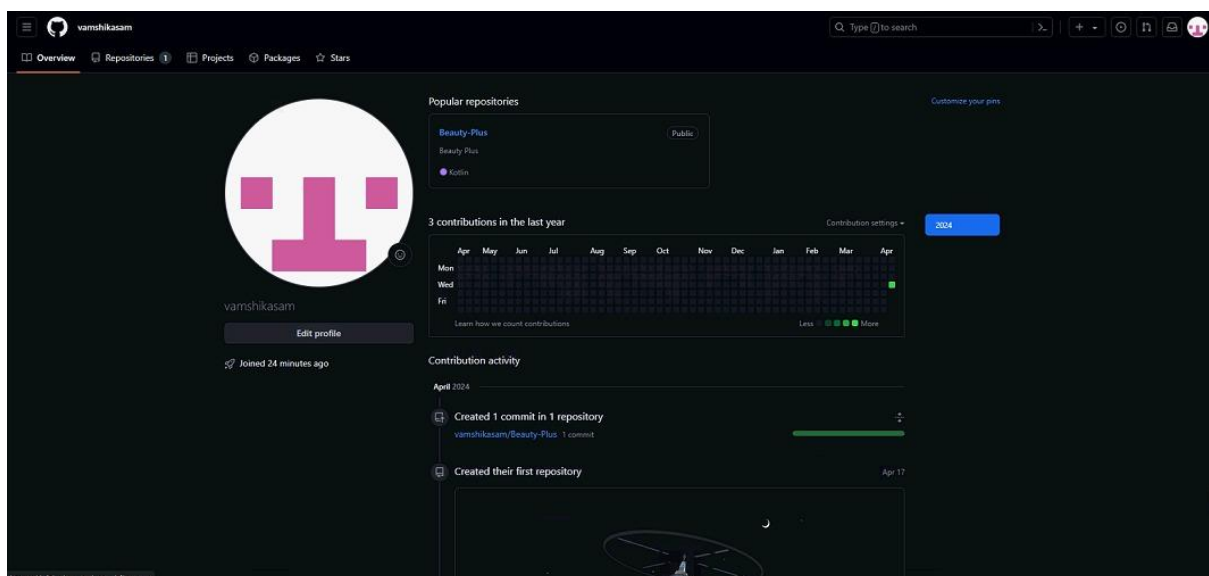


Figure 52 Git First Commit part-1

```

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git remote add origin https://github.com/vamshikasam/Beauty-Plus.git

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git push origin master
Enumerating objects: 91, done.
Counting objects: 100% (91/91), done.
Delta compression using up to 12 threads
Compressing objects: 100% (72/72), done.
Writing objects: 100% (91/91), 122.83 KiB | 5.58 MiB/s, done.
Total 91 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), done.
To https://github.com/vamshikasam/Beauty-Plus.git
 * [new branch]      master -> master

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$

```

Figure 53 Git First Commit part-2

```

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git commit -m "first commit"
[master (root-commit) 09fb964] first commit
51 files changed, 2289 insertions(+)
create mode 100644 .gitignore
create mode 100644 app/.gitignore
create mode 100644 app/build.gradle
create mode 100644 app/google-services.json
create mode 100644 app/proguard-rules.pro
create mode 100644 app/src/androidTest/java/com/beautyplus/ExampleInstrumentedTest.kt
create mode 100644 app/src/main/AndroidManifest.xml
create mode 100644 app/src/main/java/com/beautyplus/MainActivity.kt
create mode 100644 app/src/main/java/com/beautyplus/routing/Navigation.kt
create mode 100644 app/src/main/java/com/beautyplus/routing/Screen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/booking/BookingScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/detail/DetailScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/login/LoginScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/main/MainScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/model/SaloonModel.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/sign_up/SignUpScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/splash/SplashScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/theme/Color.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/theme/Theme.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/theme/Type.kt
create mode 100644 app/src/main/java/com/beautyplus/utlis/OutlineFormField.kt
create mode 100644 app/src/main/java/com/beautyplus/utlis/RoundedButton.kt
create mode 100644 app/src/main/res/drawable-v24/ic_launcher_foreground.xml
create mode 100644 app/src/main/res/drawable/ic_launcher_background.xml
create mode 100644 app/src/main/res/drawable/ic_saloon.jpg
create mode 100644 app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml
create mode 100644 app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml
create mode 100644 app/src/main/res/mipmap-anydpi-v33/ic_launcher.xml
create mode 100644 app/src/main/res/mipmap-hdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-hdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-mdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-mdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-xhdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-xhdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-xxhdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-xxhdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/values/colors.xml
create mode 100644 app/src/main/res/values/strings.xml
create mode 100644 app/src/main/res/values/themes.xml
create mode 100644 app/src/main/res/xml/backup_rules.xml
create mode 100644 app/src/main/res/xml/data_extraction_rules.xml
create mode 100644 app/src/test/java/com/beautyplus/ExampleUnitTest.kt
create mode 100644 build.gradle

```

Figure 54 Git First Commit part-3

```

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        app/
        build.gradle
        gradle.properties
        gradle/
        gradlew
        gradlew.bat
        settings.gradle

nothing added to commit but untracked files present (use "git add" to track)

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/google-services.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/proguard-rules.pro', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/androidTest/java/com/beautypilus/ExampleInstrumentedTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/MainActivity.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/model/SaloonModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/theme/Color.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/theme/Theme.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/theme/Type.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/utills/RoundedButton.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable/ic_launcher_foreground.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable/ic_launcher_background.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v33/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/colors.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/strings.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/themes.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/xml/backup_rules.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/xml/data_extraction_rules.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/test/java/com/beautypilus/ExampleUnitTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'gradle.properties', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'gradlew', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'settings.gradle', LF will be replaced by CRLF the next time Git touches it

```

Figure 55 Git First Commit part-4

```

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus
$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:     git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:     git branch -m <name>
Initialized empty Git repository in C:/git work/Beauty Plus/Beauty Plus/.git/

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        app/
        build.gradle
        gradle.properties
        gradle/
        gradlew
        gradlew.bat
        settings.gradle

nothing added to commit but untracked files present (use "git add" to track)

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/google-services.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/proguard-rules.pro', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/androidTest/java/com/beautypilus/ExampleInstrumentedTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/MainActivity.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/model/SaloonModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautypilus/ui/theme/Color.kt', LF will be replaced by CRLF the next time Git touches it

```

Figure 56 Git First Commit part-5

```

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus
$ git config --global user.name "vamshikasan"

vamsh@LAPTOP-A2S0F0MQ MINGW64 /c/git work/Beauty Plus/Beauty Plus
$ git config --global user.email "vamshikasan05@gmail.com"

```

Figure 57 Git First Commit part-6

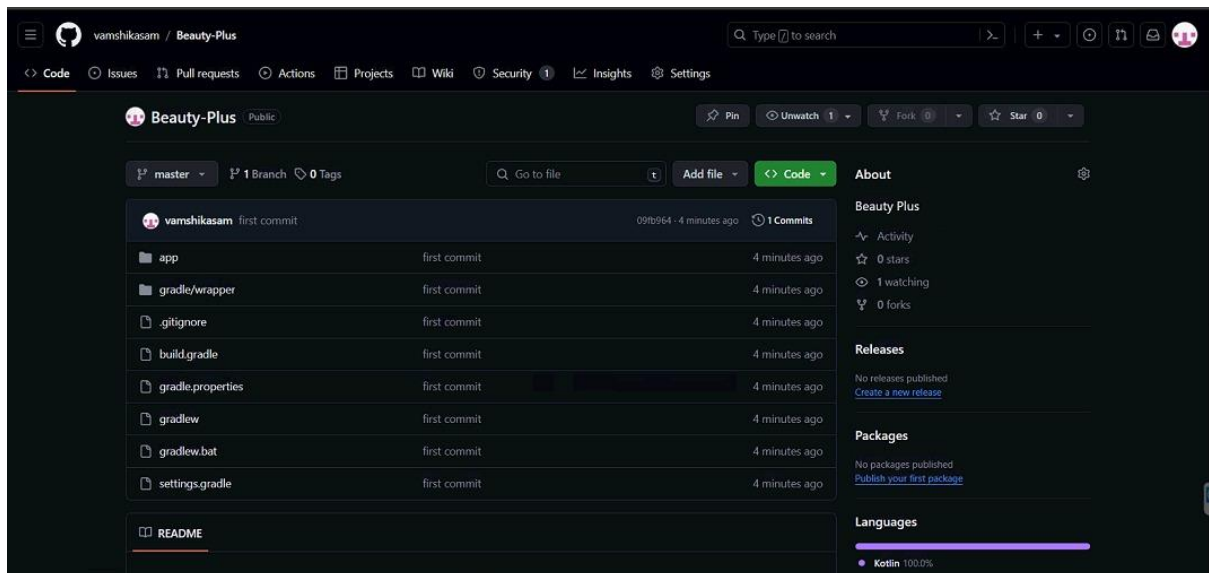


Figure 58 Git First Commit completion

2nd commit

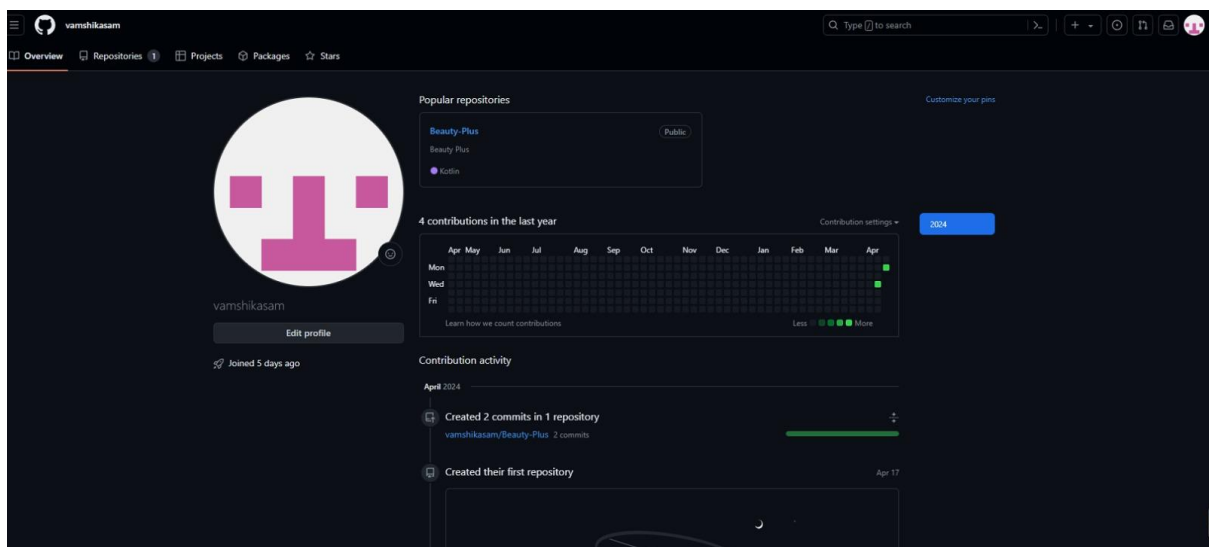


Figure 59 Git Second Commit part-1

```

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/second commit/cloned/Beauty-Plus (master)
$ git push
Enumerating objects: 62, done.
Counting objects: 100% (62/62), done.
Delta compression using up to 12 threads
Compressing objects: 100% (29/29), done.
Writing objects: 100% (36/36), 9.36 KiB | 737.00 KiB/s, done.
Total 36 (delta 11), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (11/11), completed with 11 local objects.
To https://github.com/vamshikasam/Beauty-Plus.git
09fb964..a9f47f8 master -> master

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/second commit/cloned/Beauty-Plus (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

```

Figure 60 Git Second Commit part-2

```

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/second commit/cloned/Beauty-Plus (master)
$ git commit -m "second commit"
[master a9f47f8] second commit
15 files changed, 668 insertions(+), 134 deletions(-)
create mode 100644 app/src/main/java/com/beautyplus/ui/beautyPlusPreference/BeautyPlusPreference.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/booking_history/BookingHistoryScreen.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/drawer/NavDrawer.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/drawer/TopBar.kt
create mode 100644 app/src/main/java/com/beautyplus/ui/model/BookingModel.kt
create mode 100644 app/src/main/java/com/beautyplus/utlis/Extension.kt

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/second commit/cloned/Beauty-Plus (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

```

Figure 61 Git Second Commit part-3

```

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/second commit/cloned/Beauty-Plus (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/google-services.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/proguard-rules.pro', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/androidTest/java/com/beautyplus/ExampleInstrumentedTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/MainActivity.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/SaloonModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Color.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Theme.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Type.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/utlis/RoundedButton.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable-v24/ic_launcher_foreground.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable/ic_launcher_background.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v33/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/colors.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/strings.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/themes.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/xml/backup_rules.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/xml/data_extraction_rules.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/test/java/com/beautyplus/ExampleUnitTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'gradle.properties', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'gradlew', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'settings.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/drawer/NavDrawer.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/BookingModel.kt', LF will be replaced by CRLF the next time Git touches it

```

Figure 62 Git Second Commit part-4

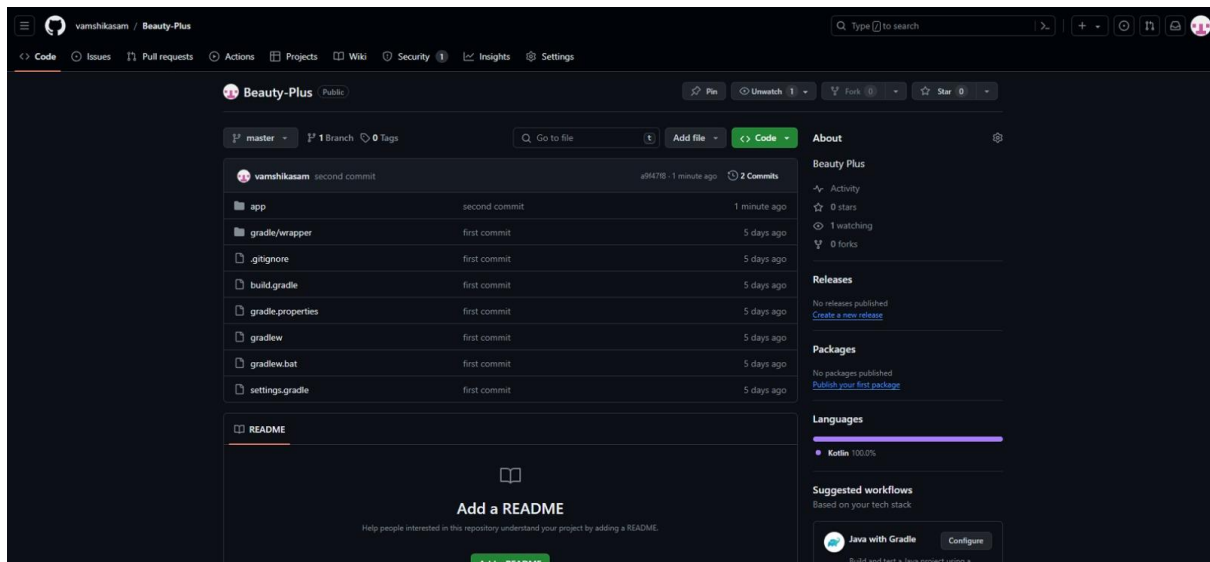


Figure 63 Git Second Commit completion

3rd commit

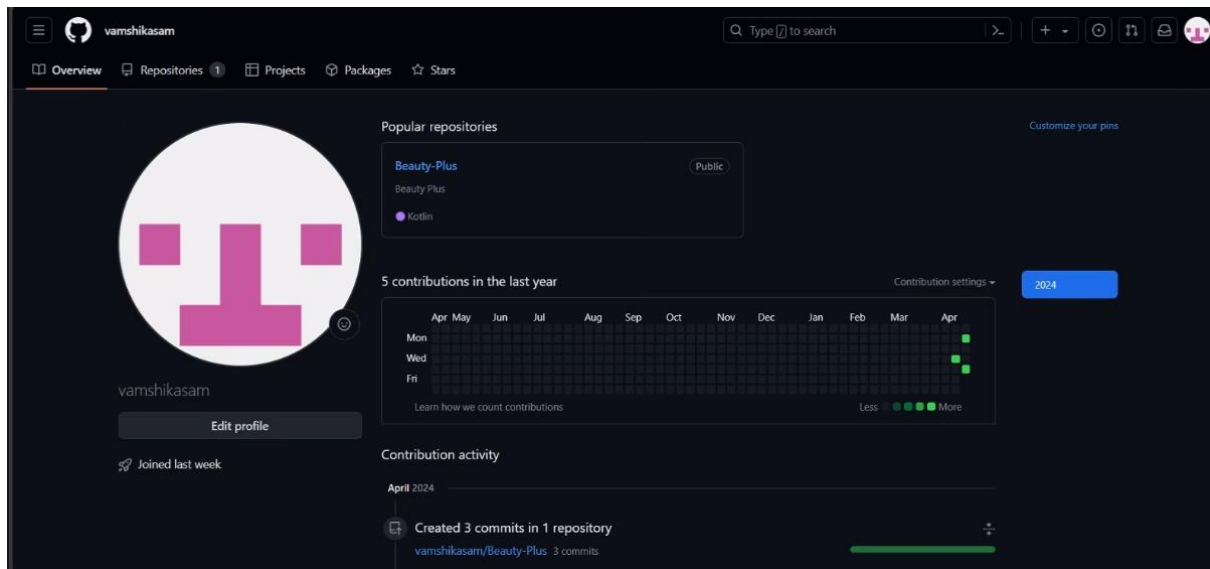


Figure 64 Starting of the Git Third Commit

```
vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/3rd GIT commit/clone/Beauty-Plus (master)
$ git push
Enumerating objects: 56, done.
Counting objects: 100% (56/56), done.
Delta compression using up to 12 threads
Compressing objects: 100% (21/21), done.
Writing objects: 100% (30/30), 5.80 KiB | 594.00 KiB/s, done.
Total 30 (delta 12), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (12/12), completed with 11 local objects.
To https://github.com/vamshikasam/Beauty-Plus.git
a9f47f8..6931174 master -> master

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/3rd GIT commit/clone/Beauty-Plus (master)
$
```

Figure 65 Git Third Commit part-1

```

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/3rd GIT commit/clone/Beauty-Plus (master)
$ git commit -m "third commit"
[master 6931174] third commit
11 files changed, 445 insertions(+), 232 deletions(-)
create mode 100644 app/src/main/java/com/beautyplus/application/AppData.kt
create mode 100644 app/src/main/java/com/beautyplus/utills/BeautyPlusField.kt

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/3rd GIT commit/clone/Beauty-Plus (master)

```

Figure 66 Git Third Commit part-2

```

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/3rd GIT commit/clone/Beauty-Plus (master)
$ git add .
warning: in the working copy of 'app/build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/google-services.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/proguard-rules.pro', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/androidTest/java/com/beautyplus/ExampleInstrumentedTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/MainActivity.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/drawer/NavDrawer.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/BookingModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/SaloonModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Color.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Theme.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Type.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/utills/RoundedButton.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable-v24/ic_launcher_foreground.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable/ic_launcher_background.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml', LF will be replaced by CRLF the next time Git touches it

```

Figure 67 Git Third Commit part-3

The screenshot displays the GitHub interface for the 'Beauty-Plus' repository. The main content area shows the commit history for the 'master' branch, highlighting the 'third commit' by 'vamshikasam' (commit hash 6931174). Below the commit list, a table details the files added in this commit:

File	Commit	Time
app	third commit	now
gradle/wrapper	first commit	last week
gitignore	first commit	last week
build.gradle	first commit	last week
gradle.properties	first commit	last week
gradlew	first commit	last week
gradlew.bat	first commit	last week
settings.gradle	first commit	last week

The right sidebar provides repository statistics: 0 stars, 1 watching, 0 forks, and 0 releases. It also includes sections for 'Packages' and 'Languages', showing that the project is 100% Kotlin.

Figure 68 Git Third Commit completion

Profile page for **vamshikasam** on GitHub.

Popular repositories

- Beauty-Plus** (Public)
- Beauty Plus
- Kotlin

6 contributions in the last year

Contribution settings: 2024

Contribution activity: April 2024

Created 4 commits in 1 repository

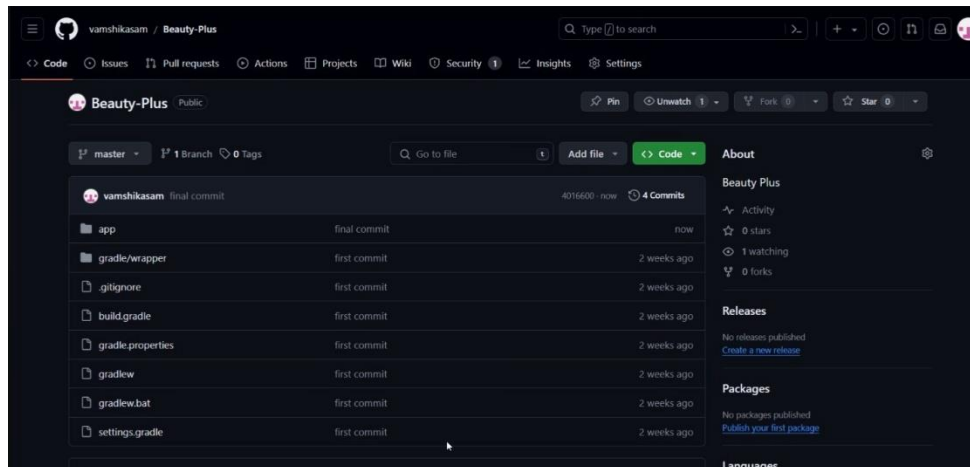
```
vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/final commit/clone/Beauty-Plus (master)
$ git push
Enumerating objects: 35, done.
Counting objects: 100% (35/35), done.
Delta compression using up to 12 threads
Compressing objects: 100% (13/13), done.
Writing objects: 100% (18/18), 2.40 KiB | 2.40 MiB/s, done.
Total 18 (delta 10), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (10/10), completed with 10 local objects.
To https://github.com/vamshikasam/Beauty-Plus.git
6931174..4016600 master -> master

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/final commit/clone/Beauty-Plus (master)
$
```

```
vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/final commit/clone/Beauty-Plus (master)
$ git commit -m "final commit"
[master 4016600] final commit
6 files changed, 80 insertions(+), 173 deletions(-)

vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/final commit/clone/Beauty-Plus (master)
$ git push
```

```
vamsh@LAPTOP-A2S0FOMQ MINGW64 ~/Downloads/final commit/clone/Beauty-Plus (master)
$ git add .
warning: in the working copy of 'gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/build.gradle', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/google-services.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/proguard-rules.pro', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/androidTest/java/com/beautyplus/ExampleInstrumentedTest.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/MainActivity.kt', LF will be replaced by CRLF the next time Git touches it
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warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/BookingModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/model/SaloonModel.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/color.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Theme.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/ui/theme/Type.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/java/com/beautyplus/Utils/RoundedButton.kt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable-v24/ic_launcher_foreground.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/drawable/ic_launcher_background.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/mipmap-anydpi-v33/ic_launcher.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app/src/main/res/values/colors.xml', LF will be replaced by CRLF the next time Git touches it
```



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