
PROJECT REPORT

PROJECT NAME: Healthy Us

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COURSE: CSIS 3175-002

Project Report

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Introduction

The project aim is to develop an android application that keeps track of the calories consumed per day and provides the flexibility to connect to doctors in a locality. Users can also post complaints to their respective doctors. The patient can check the doctor's availability or book an appointment using this application. The data entered at every point of the app are saved to the database tables. We have named our App as "Healthy Us" which reflects the goal of our Health Management Application.

Technical Requirements

The technical requirements for successful running of project are as follows:

- IDE: Android Studio
- Programming Language: Java
- Emulator: Pixel_3a_API_30_x86
- Database: SQLite

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App Activities and Classes

Here are the list of classes and their activities used for the app

App Activities and Classes			
Project Name: Healthy Us			
No	Classes	Activity	Features Overview
1.	SplashActivity	activity_splash	<ul style="list-style-type: none">➤ App Logo➤ App Info
2.	LoginPage	activity_login_page	<ul style="list-style-type: none">➤ Sign In➤ Sign Up
3.	SignUpPage	activity_sign_up_page	<ul style="list-style-type: none">➤ Register➤ Health Condition Information➤ Sign In
4.	SignInPage	activity_sign_in_page	<ul style="list-style-type: none">➤ Login
5.	HomePage	activity_home_page	<ul style="list-style-type: none">➤ Food Tracker➤ Find Doctor
6.	FoodTracker	activity_food_tracker	<ul style="list-style-type: none">➤ Track Calories➤ Healthy Recipe Website
7.	Find_Doctor	activity_find_doctor	<ul style="list-style-type: none">➤ Find Doctor
8.	doctor_list1	activity_doctors_list1	<ul style="list-style-type: none">➤ Doctors List
9.	doctorList2	activity_doctors_list2	<ul style="list-style-type: none">➤ Doctors List
10.	appointment_page	activity_appointment_page	<ul style="list-style-type: none">➤ Book Appointment➤ Online Help
11.	online_help	activity_online_help	<ul style="list-style-type: none">➤ Post Complaints

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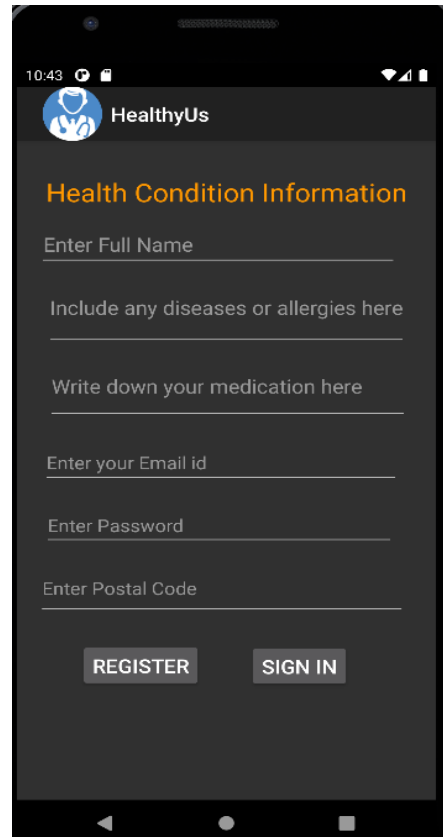
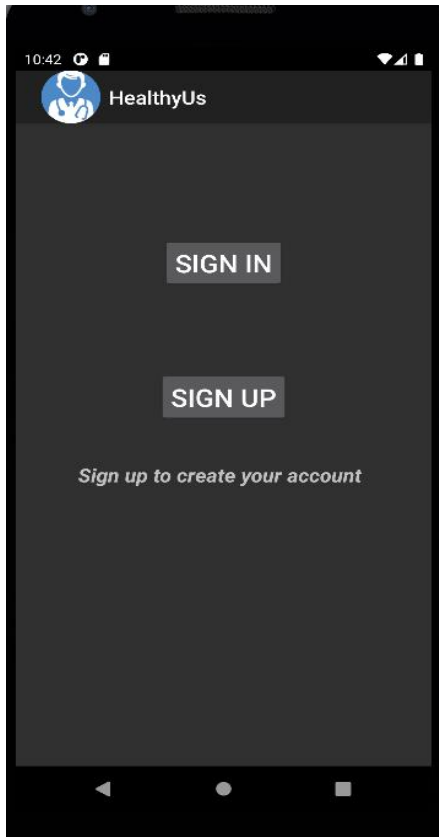
Project Team and Roles

Activity	Assigned	Responsibility	Resource Name
Splash, Login, Sign In, Sign Up, Home Page Activities	Project Coordinator	Created these activities in the project	Pranay Sai Renduchintala
FoodTracker, Find_Doctor, doctor_list1 doctorList2, appointment_page, online_help activities	Project Leader	Created these activities in the project	Vinay Kolli
Database	Project Team	Create tables and Database Helper java class	Vinay Kolli and Jacky Lam
Report	Project Team	Developed the report for the project	Pranay Sai Renduchintala and Sevilay

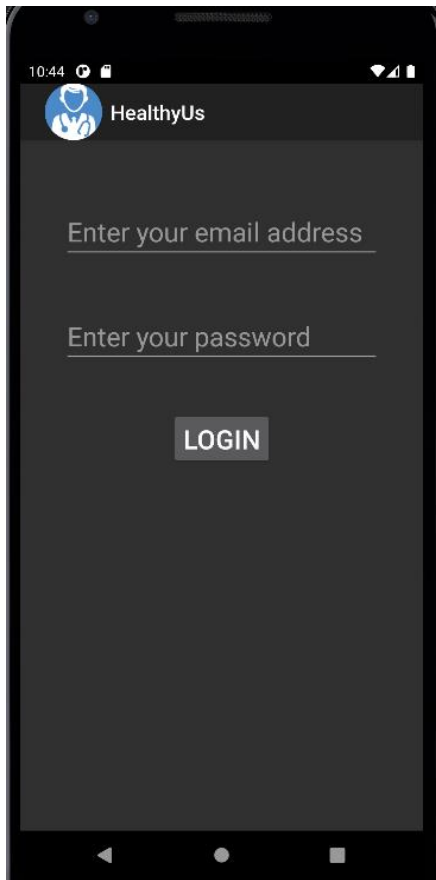
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App Features and Functionality

Here are the different features included in each activity



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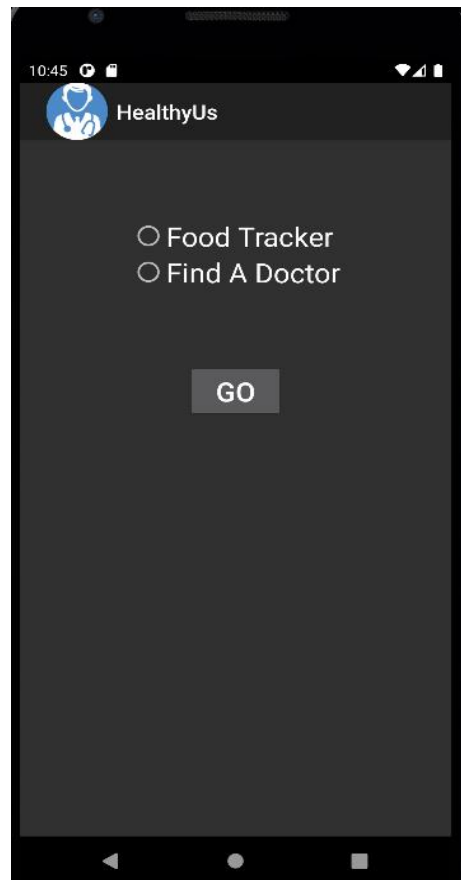
10:44

HealthyUs

Enter your email address

Enter your password

LOGIN



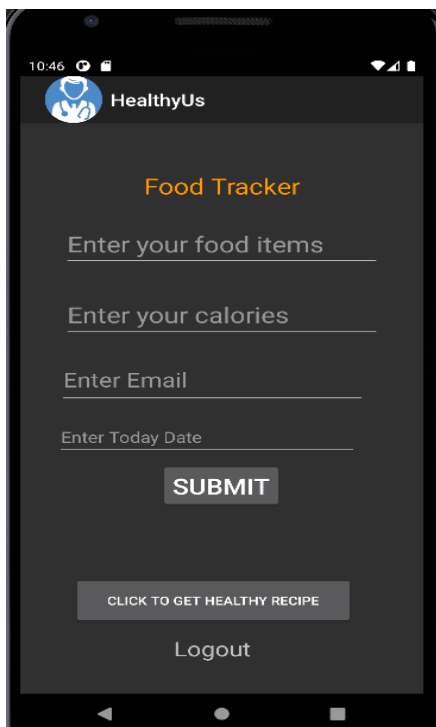
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HealthyUs

☐ Food Tracker

☐ Find A Doctor

GO



10:46

HealthyUs

Food Tracker

Enter your food items

Enter your calories

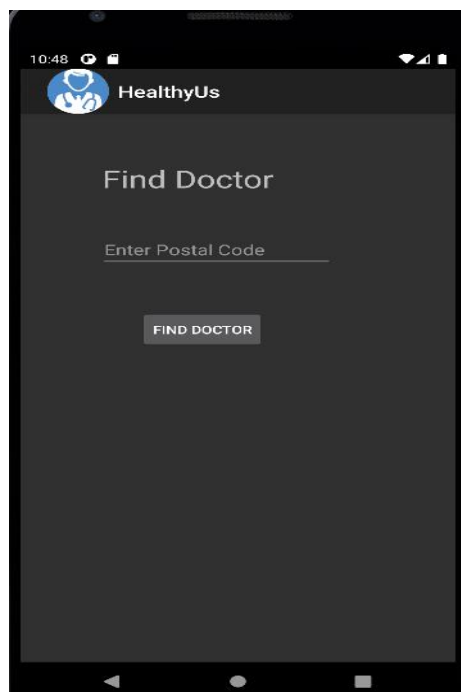
Enter Email

Enter Today Date

SUBMIT

CLICK TO GET HEALTHY RECIPE

Logout



10:48

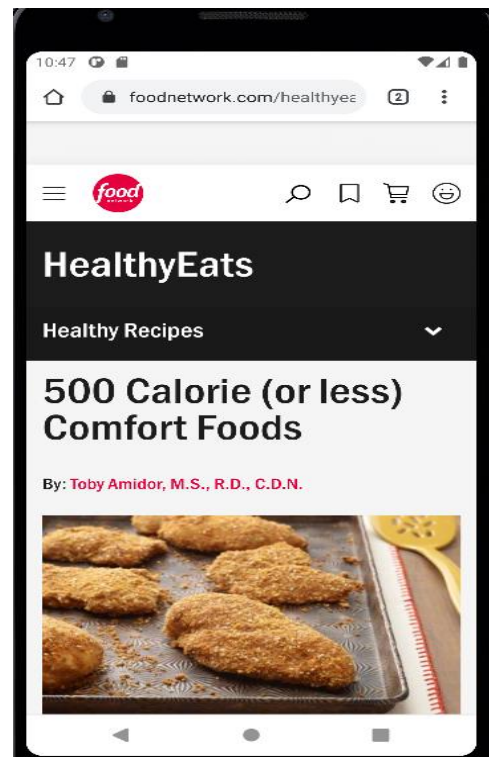
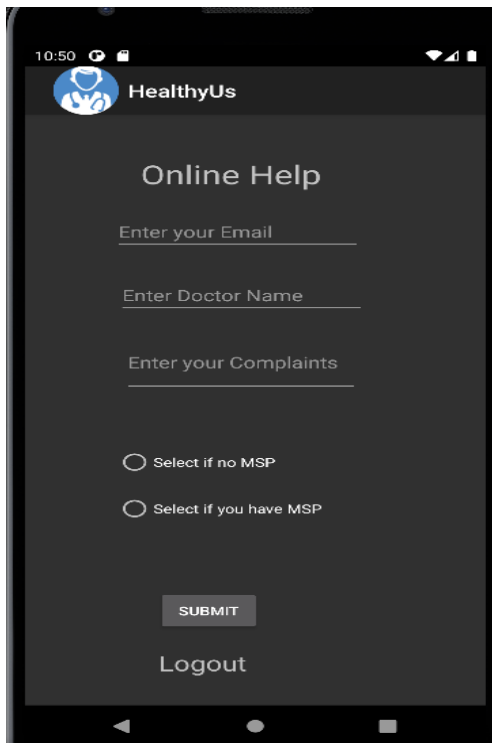
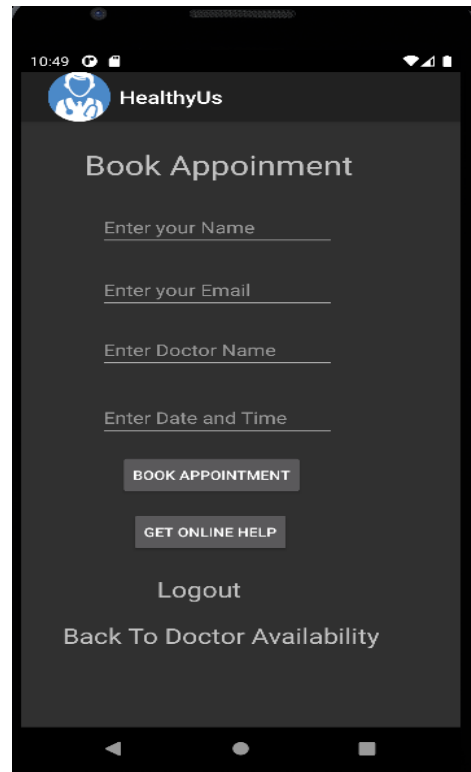
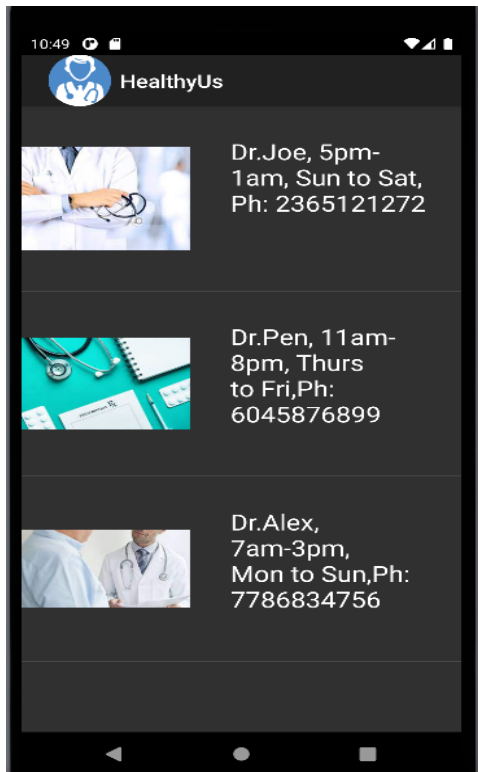
HealthyUs

Find Doctor

Enter Postal Code

FIND DOCTOR

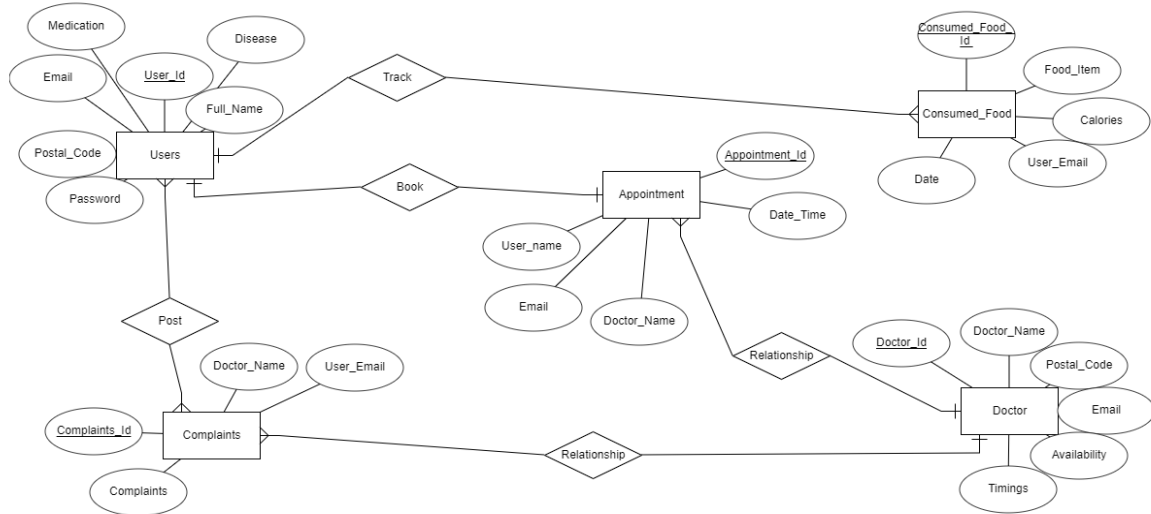
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Database

The ER Diagram representing the tables and its attributes is shown below



Summary

To summarize, we have created an application containing thirteen screens in total. The overview of features in each activity is explained in the App Activities and Classes section above. The database tables and their attributes are diagrammatically represented using an ER Diagram.

References

Food Network's Healthy Eats. (n.d.). Retrieved from Food Network:

<https://www.foodnetwork.com/healthyeats/recipes/2013/01/500-calorie-or-less-comfort-foods>