Final Report

Project Aim & Description

The purpose of our project "Fitness Bud " was an attempt to make a fully functional fitness app, that tracks calories, tracks your progress and where the user can input their own exercises with a timer for each exercise. This project covers a variety of features such as SQLite CRUD operations, fragment caching, timers, etc.

Functional and non functional requirements

For the most part we have all the requirements implemented. That includes a completed UI interface, Authentication, the project actually runs on an emulator and an android device, as well as including a notification manager. Sadly we weren't able to include any api calls or location awareness, we had a plan to kill two birds with one stone by using google fit api which would allow us to count steps which would be a form of location awareness.

User Stories

	As a	I want to	So that
1	User	Register	I can make an account
2	User	Login	I can access my account
3	User	Forget Password	I can reset my password if I forget it
4	User	Access the home page	I can see an overview of the other pages
5	User	Access the diary page	I can track my calories and my food, as well as being able to enter my own data
6	User	Delete an food item from the diary page	If it the food item was not correct I can change it
7	User	Add a food item	If I want the calorie tracker to work I need to insert my food + calories

8	User	Access the exercise page	I can exercise
9	User	Add an exercise	My exercise will be displayed
10	User	Add a time for that exercise	I know how long to do the exercise for
11	User	Start the timer	I can see how much time is left
12	User	Access the progress page	I can see my progress
13	User	Add my height	My height saves
14	User	Add my current weight	So that my current weight saves
15	User	Click the enter button	So that it calculates my BMI and displays it the the recycler view

Individual's role and responsibilities

Responsibilities of Theodore Tsimiklis: I was a developer/creator of the idea of "fitness bud" my main responsibilities was creating the entire login-logout/register features as well as the forgot password. I also did the entire bottom nav bar UI, and programmed all of the diary pages in the app and coded the home page.

Responsibilities of George Athanasatos: My main responsibilities for this app was to code the exercise page and my role was a developer.

Responsibilities of Shawn Gregory: My main responsibilities for this app was to code the progress page and my role was a developer.