

**CSE - 416**

System Analysis & Design (Lab)

Class-wrok-3

**Submitted To**

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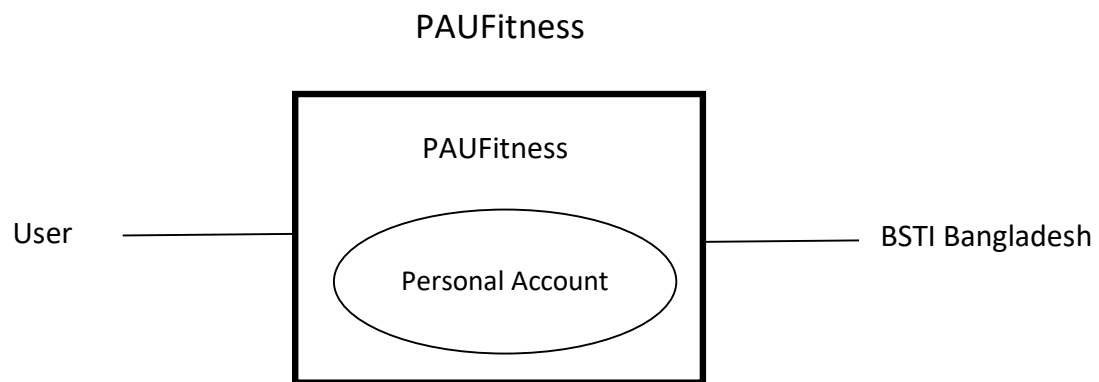
*Submission Date: 19<sup>th</sup> December, 2020*

## User Story

Personal Account	Calorie Counter	View Food Types	Receive Notification	Daily Activity	Additional Features	Generate Reports
As a user, I want to login first so that I can access my personal data	As a user, I want to track nutrition by meal.	As a user, I want to track nutrition by meal.	As a user, I want to receive notifications to let me know if I have consumed maximum calorie intakes or more.	As a user, I want to sync this app with my activity tracker so that I can view my progress towards my daily activity goal.	As a user, I want to listen to music while I walk because it helps to pass the time on longer routes.	As a user, I want a weekly report summarized on my daily consumed and burned calories so that I can check whatever I'm following a healthy diet.
As a user, I want nutrition requirements suggestions based on gender, age, height and weight.	As a user, I want to count consumed calories by the given meal.		As a user, I want to receive notifications so that I can see if I should follow a new diet chart.	As a user, I want my steps to be measured so that I can see how many steps I need to burn my targeted calories.		
As a user, I want a disclaimer on all suggestion outputs based on BSTI recommendations.			As a user, I want to receive notifications to let me know if I have burned desired calories.	As a user, I want the app to learn my walking speed because I want the most accurate		

				possible time estimates.		
As a user, I want to edit personal preferences because I want the app to be personalized.						

## Use Case



### Precondition:

- PAUFitness application is open.
- User logged into PAUFitness.
- User's option to edit personal preferences is visible.

### Basic Flow:

1. User chooses the option to view food types.
2. PAUFitness gives the options to give each meal taken like- breakfast, lunch or dinner.
3. PAUFitness count the calories form the given meals and drinks.

4. PAUFitness displays the requirement suggestion based on user's gender, age, height and weight.
5. PAUFitness post a disclaimer on all suggestion outputs based on BSTI recommendations.
6. PAUFitness sends recommended notifications to users.
7. Use case ends successfully.

#### **Alternate Flow:**

1. After step-7 in basic flow, The App also tracks the daily activities of a user. Like- user's walking speed, burned calories.
2. Users can see the total calories burned at the end of the day.
3. User is able to access music and select a song or a playlist.
4. User views the final reports.
5. User logged out from the account.

#### **Postconsition:**

- PAUFitness is back to its original login state.