# **CSC154 Software Development**

# **Project Overview Template**

Project Name: Calorie Counter App

Team Number: Team 6

Project Manager: Andrea Gaietto

Mentor: Lisa Schenkewitz

Team Members:

* Andrea Gaietto
* Andrew Jenkins
* Victor Lameda Rojas
* Jose Reyes
* Zachary Walker
* Larry Webb

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## Project Objective

## This project will create a Calorie Counter Application.

## Project Description

The Calorie Counter Application will allow users to input different types of food as well as the amount of each food type. Users will also be able to input the number of calories that they have burned. Viewing past entries, total calories and calculating the number of calories needed for weight loss will also be part of the function of the application.

1. Project Scope

The scope of this project is to create a simple Calorie Counter Application that allows users to perform the following actions:

* Calculate calories needed for weight loss
* Input calories burned
* Input food and amount
* Input weight
* Login/account tracking/profile creation
* View past entries
* View past weight
* View total calories for the day
* Track water intake (optional idea)

1. Use Case and User Stories (Create at least 3 User Stories or Use Cases)

## **See end of doc for user stories**

## Team Collaboration and Documentation Tools

## Team Collaboration will take place using Microsoft Teams. Team Documentation and version control will take place in GitHub.

## Project Management Plan and Methodologies

Project Methodologies used will consist of Agile and Scrum. Project Management Planning will take place in ClickUp.

### User Stories

**As** a user

**I want** to calculate my BMR (Basal Metabolic Rate)

**So** that I know how many calories I need to lose, maintain or gain weight.

**As** a user

**I want** to input the food and the amount that I am eating. For example, 4 oz of chicken and 1 cup of broccoli,

**So** that I can be sure that I am keeping within my allotted calories for the day based on my height, weight, age, gender.

**As** a user

**I want** to be able to view my calories eaten previously

**So** that I can compare entries on a weekly basis to make predictions or to track my progress.

**As** a user

**I want** to see my measurements like waist, arm, chest, thigh, hips

**So** that I can check my fat loss progress.

**As** a Customer

**I want** to view my total daily calories intake

**So** that I can make sure I am not going over my daily target