

## **Team 2 Project Charter**

**Team members:** Ruchira Goel, Ramya Mandyam Anandampullai, Linnea Lindstrom, Hajera Zemy

### **Problem Statement:**

Many people are interested in keeping track of their eating, exercise, and sleeping habits in order to monitor their progress with various health goals. Existing apps that do this are often specific to one aspect of health, like exercise, making it more work for the user to keep up with multiple platforms and enter a lot of data each day. Our application will be an all-in-one mobile application to keep track of your health and wellness-related habits and find out the best way to go about achieving your goals.

### **Project Objectives:**

- Build a cross-platform mobile application to monitor health and wellness habits
- Create profiles for users to systematically collect and store user data such as current health attributes and goals, as well as daily user input such as daily exercise and diet
- Develop a system to keep track of user goals and display graphs and analytics on fulfilment of goals
- Create a system that generates recommended meals or exercise routines based on the user's goals and current weight/height etc.
- Create a user-friendly interface to make the process of daily data input convenient for users

### **Stakeholders:**

- Users - People who want to track key aspects of their lifestyle and promote their health
- Developers - Ruchira Goel, Ramya Mandyam Anandampullai, Linnea Lindstrom, Hajera Zemy
- Project Manager - Yamini Ponugoti
- Project Owners - Ruchira Goel, Ramya Mandyam Anandampullai, Linnea Lindstrom, Hajera Zemy

### **Project Deliverables:**

- A React Native front-end cross-platform mobile application
- A MongoDB database that manages user information and handles data requests
- Spring boot java web service to service requests from the front end