

Lunki Project Plan Draft

Team Delta

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Introduction

Scope and purpose of document (MB)

We as a group are creating a fitness/nutrition app. This app, Lunki, would include many features that are seen through other apps but without the limitations of a paywall. This document is to display the goals, demographics, and opportunities that we will attempt to address.

Lunki will be a fitness/nutrition application that will also include social aspects for users. The app will provide users with user input on their workout plans, goals, and results. It will also allow groups to be made between users that know each other in order to compare and motivate each other.

System Scope

Problem/Opportunity Description (MB)

Something that is seen in other applications within this realm of applications is that there is either a paywall or just not enough features requiring the user to download more than 1 thing in order to accomplish their goals. With this application, it would include everything from workout guides, goal and result inputs, social interaction, etc.

Anticipated Business/Personal Benefits (MB)

We as a company hope to achieve a more accessible and user friendly environment regarding exercise. By creating one big hub of information there is no need to go to other services.

This benefits users because of how accessible it is. They can rely on the information they are receiving, interacting, and inputting.

System Capabilities

The Capabilities of Lunki Include:

- A nutrition tracker that receives data from a FitBit/Apple Watch and records details such as the calories burnt during a workout and peak heart rate. Users without a FitBit/Apple Watch can still use the app however will be unable to view these details*
- A fitness calendar that records the days in which a user exercised. Similar to apps like BeReal, the user will be prompted to send in a picture to prove their workout so that their streak can be updated. A workout streak is the amount of consecutive days a user works out*
- A goal setting interface that allows the user to set fitness goals for themselves. It will store progress towards goals and Lunki will send out push notifications to remind the user and to keep them motivated.*

- A groupchat feature that allows users to connect with one another and workout simultaneously or just share details with each other. Friends are added through a unique link that must be sent to another Lunki user to become friends. If the user owns a FitBit/Apple Watch it will share data automatically (if the user desires)
- A database of suggested workouts that the user will be able to search up and see reviews of said workouts. Tutorial images and videos are included. Users are also encouraged to provide their own workouts to the database.

System Context

Using Visio or draw.io, create a System Context Diagram which depicts the primary users of the system and the information that is exchanged between them and the system.

Submit the System Context file as a separate file from your plan document

Schedule

Using MS Project/Project Libre, create a Work Breakdown Structure Chart, identifying all tasks required to complete this team project, dependencies and staff resources for each of the tasks. Include phases to group and organize your tasks and include milestones.

Submit the schedule file as a separate file from your plan document.

Staff Organization

Team Leader: Matthew Bautista (Designates tasks to group members)

Execution Supervisor: Ben Sebiri (Refining/Making Sure all tasks are completed correctly)

UI Designer: Carlos Escobar (help create look of the app)

Research Analyst: Angelo Turano (researching competitors and applying some of their ideas to Lunki)

Tracking and control mechanisms

We will be using MS Project and GitHub to monitor changes and keep everyone on the same page. We will have weekly (or more frequent) meetings to make sure everyone knows what tasks need to be completed. Our Google Drive will also help with file sharing and keeping everything current and organized.