MCD 4290 Assignment 02

Project Management Plan for Run Challenge Application

13.05.2020

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TEAM 02

Nisal Fernandopulle

Namith Nimlaka

Treshan Appuhamy

Project Management Plan

Executive Summary

The purpose of this brief is to provide a detailed project management plan analysis. The document will elaborate on the following areas, the project overview so what is the aim of the management system for the Osnean Institute of Sport (OIS), which trains famous athletes such as "Fast-Terry Van Zanzebolt", "Riley Quick", "Fi Targoing" and "Mani Kays" and also how it will benefit the Osnean Institute of Sport (OIS). The document will mention all the tasks that will be required in order for the management system to be put together and also the key roles that will be required to complete the tasks. An estimate of the duration of the project will be discussed as the Osnean Institute of Sport (OIS) has asked that the project is completed by Sunday Week 11, 11:55PM on time.

Aim and Scope

- This application is made focusing on athletes who like to keep track of their progress and train using their phones.
- Main aim is to develop a location-aware application which allows the user to test themselves running to random nearby locations.
- This helps users to improve their overall fitness health by checking the progress as all their runs are saved.
- Users are also given the feature of being able to reattempt previous runs to keep track of their progress and may even delete runs that they feel were weak or are unnecessary to easily find more important runs in their Past Runs page.

Team members and responsibility

- Nisal Fernandopulle;
  - Leader, making sure all the work is being done as planned and to clarify any doubts or problems that arise during the progress of our work.

- Namith Nimlaka;
  - Scheduling meetings, risk management,managing code, handling reporting structure of code and keeping track of the progress in Asana.

- Treshan Appuhamy;
  - Keeping minutes of the meetings, managing, quality assurance of code and documentation and handling improvements to the code.

Schedule

- Our schedule to do all the tasks that are in the schedule with the deadline and start time.

1) **Make the run**: Start date- 04/05/2020 , Due date- 09/05/2020
2) **Location detection and tracking**: Start date- 04/05/2020 , Due date- 09/05/2020
3) **Destination generation and display**: Start date- 08/05/2020 , Due date- 11/05/2020
4) **Beginning a run**: Start date- 08/05/2020 , Due date- 11/05/2020
5) **Completing a run**: Start date- 09/05/2020 , Due date- 11/05/2020
6) **Persistent storage of run instances**: Start date- 11/05/2020 , Due date- 12/05/2020
7) **Showing a list of runs**: Start date- 12/05/2020 , Due date- 13/05/2020
8) **Repeating a run**: Start date- 14/05/2020 , Due date- 15/05/2020
9) **Viewing a run**: Start date- 15/05/2020 , Due date- 16/05/2020
10) **Create documentation**: Start date- 12/05/2020 , Due date- 17/05/2020

Collaborative tools used

- ## Bitbucket and GitKraken;

  For handling communication of changes to the code using pair programming, managing revision of the application's source and handling commits by multiple team members.
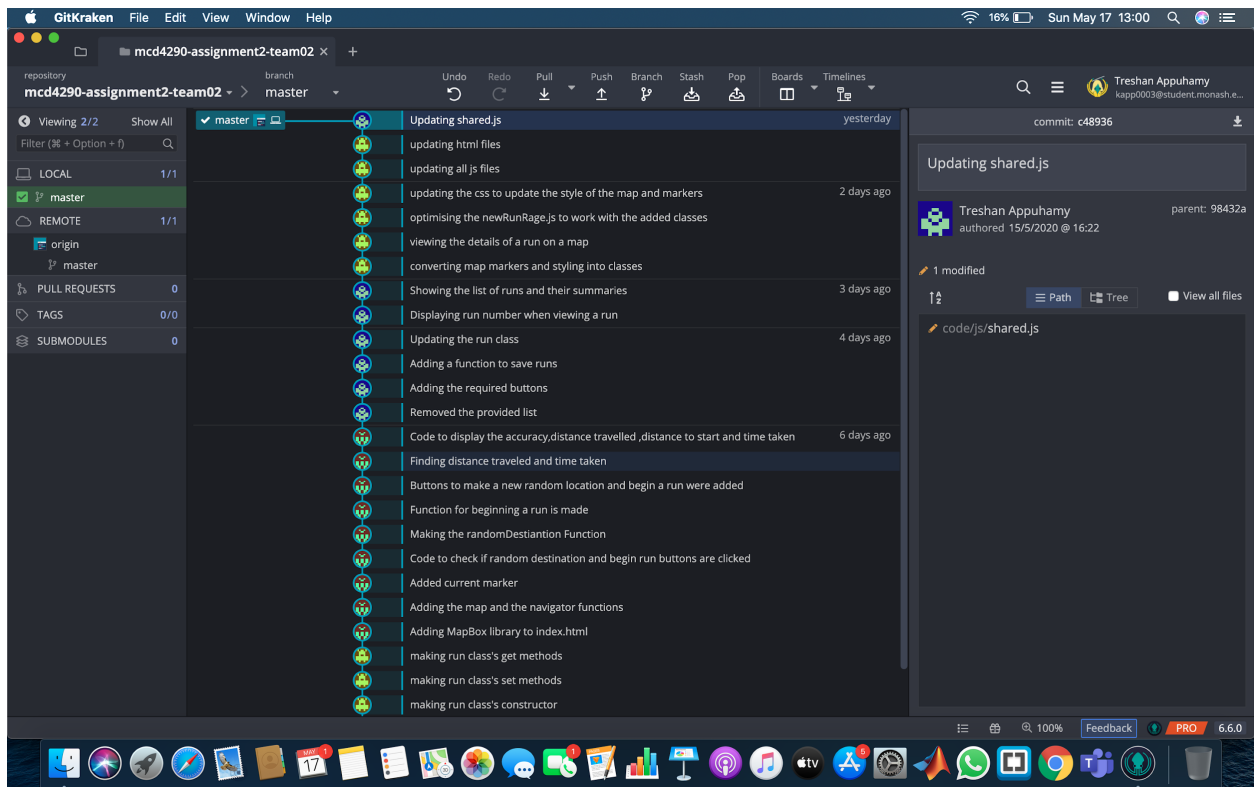

GitKraken;

- has undo and redo functions,
- has a tree with the history of functional commits by each member,
- is able to manage your branches and commits directly on it to have a visual form of the changes you are making to the code.

- Asana;

  Team minutes, project management, issue tracking to check whether the team is progressing on time with the given schedule. Various tasks which were further divided into subtasks and every task has different priorities. These tasks have a timeline that is when each starts and when they should be due. These tasks are assigned to team members, but are done with collaborative support from all members.
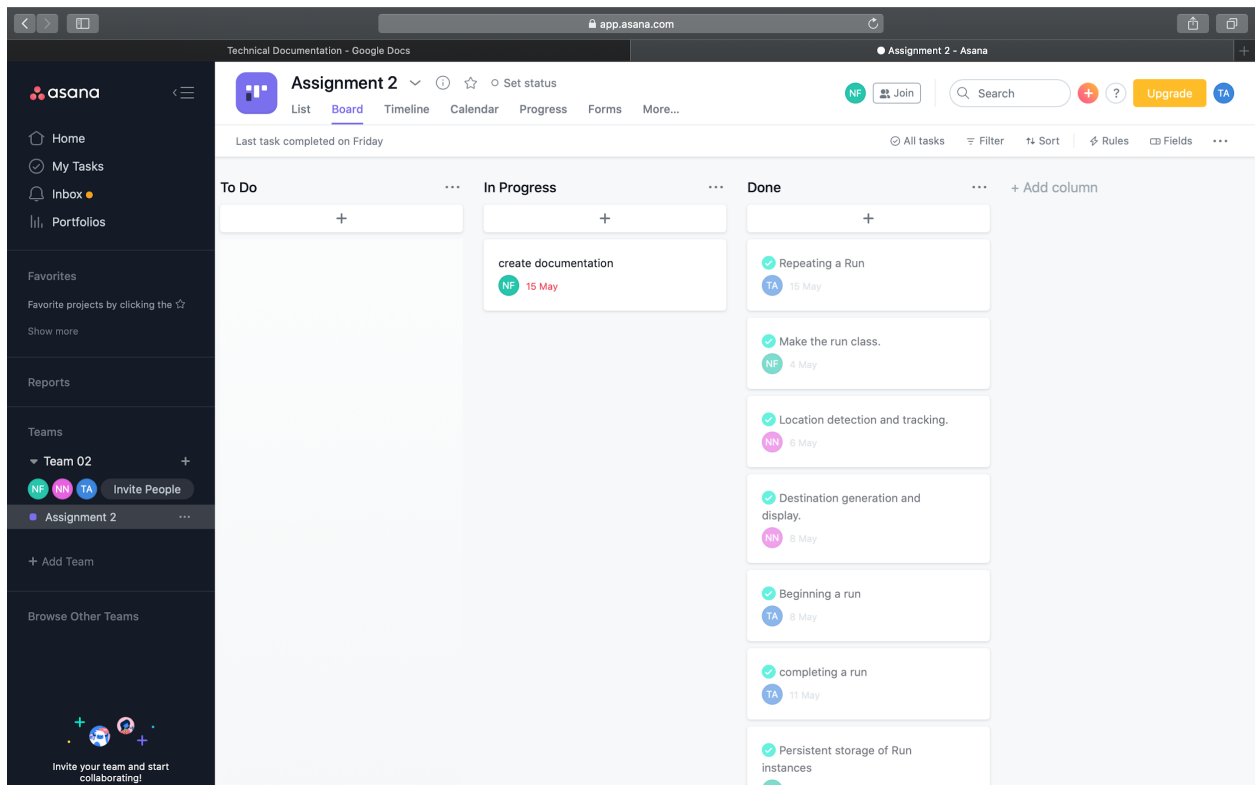

In Asana,

- there are three sections such as "To Do", "In Progress" and "Done".
- At the beginning of the assignment 2, all the tasks to be done were added to the "To Do" section.
- As we have started working on specific tasks, those started were added to the "In Progress" section.
- Finally once the task is completed, the task is ticked as completed and it will be the "Done" section.

- ● Microsoft Teams and Whatsapp;

    We used this for communicating issues and clarification, screen sharing for convenient pair programming and mainly to host team meetings to discuss further tasks and stay up to date with our strict schedule.
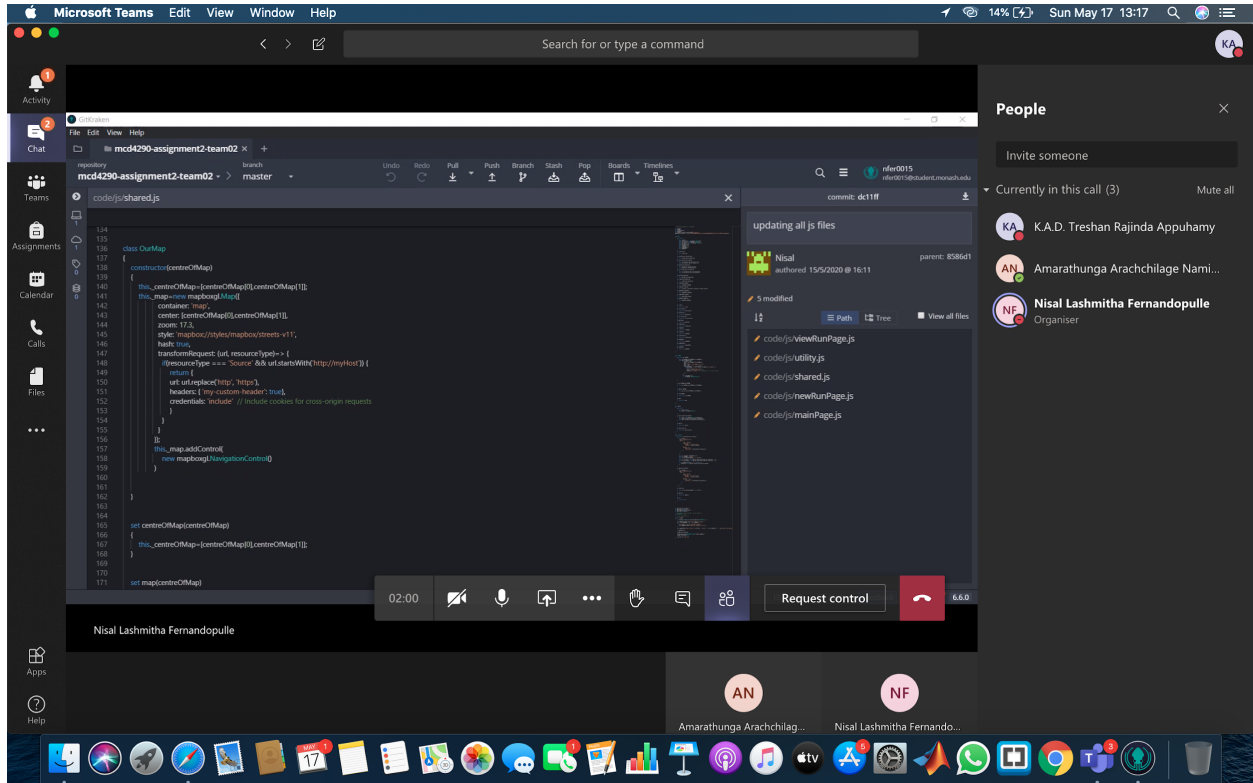
Specifications

A personal trainer and a progress tracker in your pocket:

- ● This application will help you workout anywhere and anytime by just using their phones.
- ● As they run, the app will track their location and calculate the time, distance and speed of the run.
- ● Users will then be able to compare runs and reattempt previous ones to improve.