

My Fitness Sanctuary

7/2/2019

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Team members:

Duc Nguyen, Tunglin Lee, Dongpyeong Seo, Tarun Sivakumar, Matthew Stone,
Cameron Rabiyan

(indicate Product Owner): Duc Nguyen

(indicate initial Scrum Master) Tunglin Lee

Company or organization logo (if applicable)

The Fitness Sanctuary

-A Fitness program that fits you

[My Fitness Sanctuary]

- Brief outline of problem/opportunity
 - We notice that there is a small market where people are not experienced / knowledgeable enough to create a personalized workout program without asking a fitness coach / personal trainer.
 - Therefore, we wish to create a software / platform that provide a environment that allows users to obtain their workout program.

[My Fitness Sanctuary]

- High level goal(s)
 - Be able to allow user to create a custom program.

Sprint 1

User Story1 :

- As the user, I want to have a UI that can allow me to input the data.

Spikes:

- Learn how to create UI that user can input data to database
 - > Study HTML, CSS, JavaScript

Sprint 1

User Story 2:

- As the user, I wish there is the organized system that clearly tells me what to input the data.

Spikes:

- Learn how to create an organized database in my MySQL

Sprint 1

User Story 3:

- As the full-time student, I want to have a workout program designed for my goal since I do not have enough time to come up with my own personalized workout program.

Spikes:

- Learn to create a server
 - > using Django (from python)
 - > Learn server side program
 - (Learn how python interacts with MySQL)

Sprint 1

Infrastructure tasks (acquiring tools, setting up environment)

- Create GitHub repo
- Set up slack group chat
- Set up MySQL
- Set up python environment (PyCharm)
- Package / library Django
- Outline of workout programs
- Text editor

Sprint 2

User Stories:

- As an experienced fitness user, I want to design my own customized program since the provided programs do not align with my goals.

Spikes:

- (HTML/ CSS/ .JS) create a current status program
- More understanding of object oriented / Data Structure of JavaScript
- More understanding of decorating the website by CSS

Infrastructure tasks:

- TBD

Sprint 3

User Stories:

As an experienced fitness trainer, I want to be able to make edits within my customized workout program without having to start over before exporting.

Spikes:

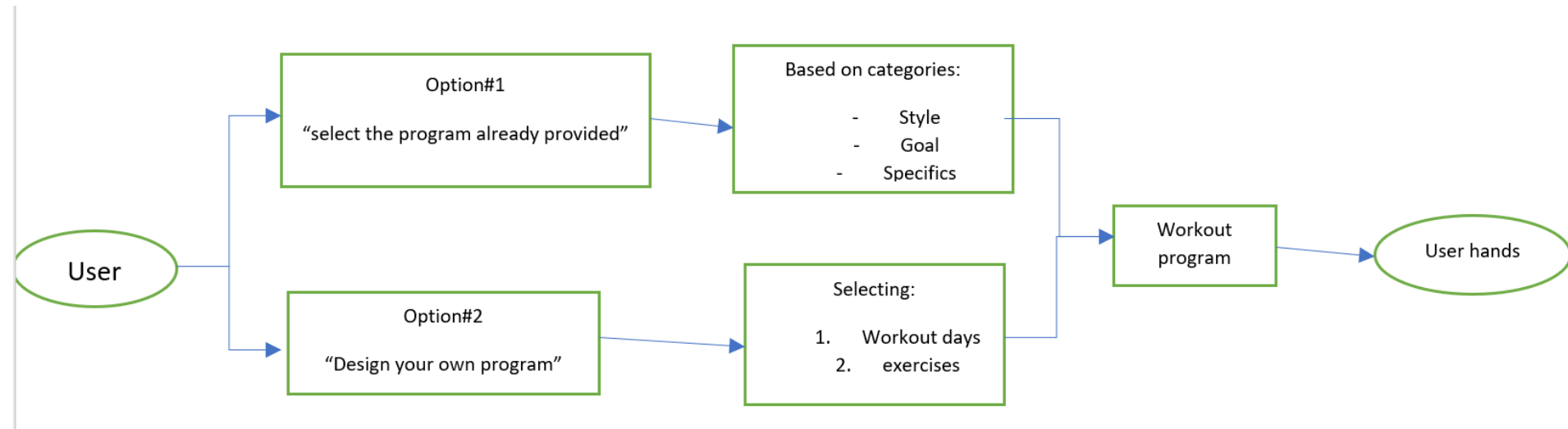
- Learn how to use JavaScript to create an user-friendly webpage
 - > Provide tool that allow user to edit / delete the program.

Infrastructure tasks:

- TBD

Architecture

Diagram of the project



Challenges/Risks

[Challenge/Risk 1]

Organizing the database of workout program is not easy.

Why?

- We are not experts of designing every workout programs, nor certified fitness trainers.
- Need to design what attributes should contain in Database

Challenges/Risks

[Challenge/Risk 2]

Have an user-friendly UI

Why?

- Not too many experiences with front-end programming
- Might need creativity of what the website should look like

Challenges/Risks

[Challenge/Risk 3]

Connect the Front-end , server and Database together.

Why?

- No experience of doing the connection before

Technologies

[Technology 1] e.g. programming language(s)

- HTML
- CSS
- JavaScript
- Java / Python
- Object oriented design
- Data Structure
- MySQL
- Node .js

Technologies

[Technology 2] e.g. web framework

- Django
- jQuery

Technologies

[Technology 3] e.g. development environment

- Sublime
- PyCharm
- MySQL

Minimum Viable Product

Describe the product which you need to achieve at a minimum to call the project a success by listing the user stories that describe the minimum functionality.

→ Our team wish to see the minimum product that the project contains structure of:

- UI
- Server
- Database

In one week (7/1 – 7/7) such that it functions properly. It does not need to be user-friendly and no-bug project yet.

By the time of the release, our product should be able to export some kind of workout program (prewritten or user designed) to the customer via email.