

Sprint1 Plan - Frameworks : Focusing on building bases of project ONLY, due to individual members' learning curves, late start of this sprint.

Infrastructure tasks - Before we start the sprint, all the members should download or at least acknowledge which tools everyone is using. Ideally decide this on wednesday.

- Jira(Recommended by Ali): Software that keeps track of everyone's work. Ali used this app during his internship, so he can help us setting up and it will add realistic experience aspect for our project. Easy to see completed items and to-dos.

- Alternative of Jira: Use github repo to upload files and communicate as much as possible on discord.
- Web2py?: Need to learn how to use web2py. However, TA recommended using other apps for bigger project like our's.
- Django: Python app, James mentioned he found a website template with django, so we will most likely to use this.
- Other than django: Flask, React, etc.
- Selenium: Webdrive that specialized in data scraping(?), Recommended by a friend in other class. He said selenium can scrap other website's API. Worth looking into it to see if it's true.

Actual works based on the user stories

Website base template - "As a user, I want a website that is easy to navigate"

- This task will create the website, the first step we have to do before implementing any other tasks. James mentioned about using django's template, so James(only if he wants to) + @ developers will work on this task. Ideally 3-4 people for this task, but I think it is

okay if we all work on together and finish it ASAP, since we will all have to understand the code of it. (Should try to learn code later, even if you were not part of this development)

- Estimation: 12hrs

Website Account/login - “As a user, I want to be able to create an account”

- This task will implement how to create an account for our website. Since Vinson’s project already had this feature, he can help us making one. Write Pseudo code or base codes of this feature assuming you will be implementing this on django template. Ideally 2-3 people
  - Estimation: 6hrs

Items uploading/listing - “As a seller, I want to be able to list items on the website”

- This task will let users to upload their items on our website. Similarly, getting help from Vinson’s previous project, we will implement this feature our way. Write Pseudo code or base codes of this feature assuming you will be implementing this on django template. Ideally 2-3 people
  - Estimation: 6hrs

Deciding companies’ API/ search for tutorial/ infrastructure (PO, optional)

- Not really a required task for sprint1, but Duy can decide which API we will be using and estimate workload for future sprints.
  - Estimation: 2hrs

Table for Sprint plan

Keep update the estimation as you work on your task!

	Members	Estimation	Remaining estimation	Status	Thursday	Friday	Saturday	Sunday
Base template		12hrs		Not started	2hrs	3hrs	4hrs	3hrs
Account/login		6hrs		Not started	2hrs	2hrs	1hrs	1hrs
Uploading items		6hrs		Not started		1hrs	3hrs	2hrs
Decisions for future sprint	Duy	2hrs		Not started				2hrs