

Department of Statistics and Computer Science

CSC1002: Computer Applications (2024/25)

Assignment 01 (Theory Section): Experimenting with AI Tools

Student No: S / 23 / 542

Name: W. M. Y. S. B. Wickramasinghe

Stream: Physical Science

1. Output: Household Marketplace Web App

- GitHub repository link:
<https://github.com/yashodhawickramservices/household-market>
- GitHub Pages live site:
<https://yashodhawickramservices.github.io/household-market/>

2. Workflow (steps) followed:

1. Define project requirements > Use LLM for Self-Prompting (Generate Project Code with LLM itself)
2. Create Local Project Folder with generated code files > Test Locally
3. Initialize Git and Commit > Push to GitHub
4. Deploy with GitHub Pages > Obtain Live Website Link

3. Prompt(s) used:

- Shared ChatGPT conversation link:
<https://chatgpt.com/share/691deee8-0a78-800f-94e6-5fe61cd7c7ff>
- Method used:
Self-Prompting / Prompt-Doctor Method;

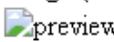
"Think like you are a programmer. You are very tight on time and want to get a ready to cut and paste code. Note that you don't have any money or credit card, so you have to use only free resources and platforms. The client's request is to create a simple but clean and modern looking web app which is ready to use by others after sharing the link. You have already made the local folder and linked it to the GitHub repository and decided to host it on GitHub and think of using local storage to store data for now. So, you have to get the files like html, CSS, java script and other file codes through an LLM. The app's function is to create a dedicated space for list, buy and sell household items that are no longer in use. Person should be able to list their item with a photo, name, description and contact information so the person looking at it can contact them and buy. After that, seller should be able to manually check the item as sold. Include other any basic feature that you think essential like date, time and other functions. What is the best prompt-engineered prompt that you are giving to the Large Language Model to achieve this task? Ask clarifying question if you have any doubts."

4. Screenshots of the output:

Household Marketplace

Search items...

Add Item

Image (one only) Choose File No file chosen


Name Description

Price e.g. 1200 LKR or \$10

Condition (optional) e.g. Good

Location (optional) Contact info phone or email



Set of Plates

12 ceramic plates, like new

\$12 • Like new

Galle • 11/18/2025, 4:50:15 PM

Contact: plates@example.com



Wooden Chair

Solid wood, some scratches

\$15 • Fair

Kandy • 11/14/2025, 4:50:15 PM

Contact: chair@example.com