A close-up of a logo

Description automatically generated

**Web Development Fundamentals Project**

**CMPS 350 L51**

**Spring 2024**

**Dr. Mucahid Kutlu**

A light bulb with a brain inside

Description automatically generated

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| --- | --- | --- |
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**Project GitHub Link:**

**Project objectives:**

**//overview**

1. **Design the APP Web UI & Navigation:**
2. **UI wireframe (sketch) to decide the UI components.**

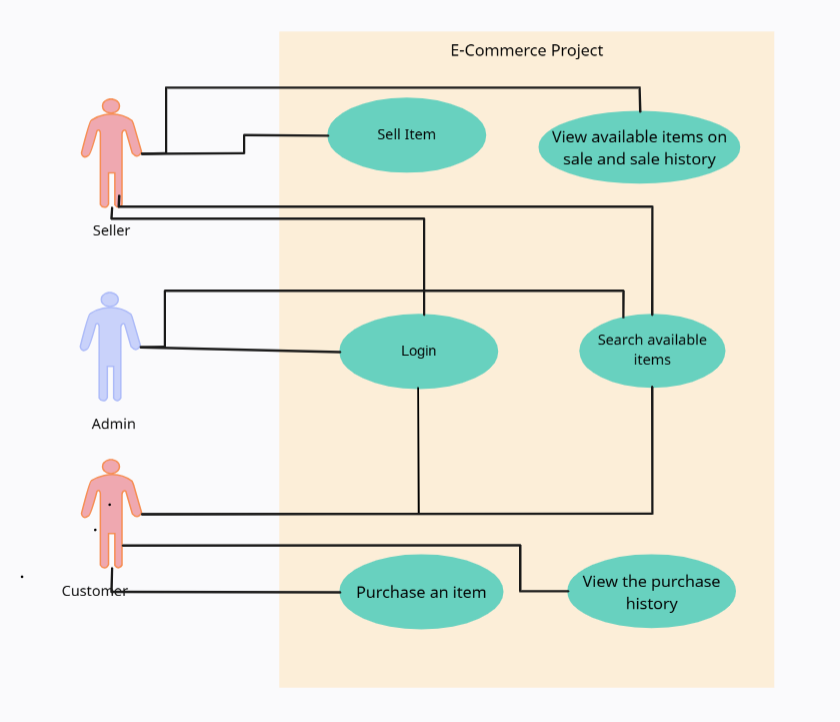
A screenshot of a wireframe

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A screenshot of a web page

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Use Case Diagram:



1. **For each use case, implement the app UI and navigation using HTML, CSS, and JavaScript.**

Code in GitHub

1. **Each page should be responsive to support at least 2 layouts, one for mobile and another for PC.**

Screenshots for responsiveness

1. **Design and implement the app navigation to allow the user to navigate from one page to another in intuitive and user-friendly way to achieve the app use cases.**
2. For each use case, design and implement the Web API and the server-side data access repositories to read/write the app data from/to the data store. **For phase 1, you can read/write simple JSON files that you need to create and initialize with some sample data.**
3. **Application design documentation should include the Entities, Repositories and Web API class diagrams**.
   1. **Repositories Class diagrams**.
4. **App testing:**
   1. **screenshots**
5. **GitHub Repo Link:** 
   1. **Make it public repo**
6. **Challenges and Conclusion**
7. **Resources & References**