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| School of Software Design and Data Science |
| **Full stack JS App** |
| WEB422 - Project |
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| **4/15/2025** |

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| This document explains how to build a frontEnd dashboard that consume backend API …………………………. |

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# Task 1: Pick Your Store and Product/Service Inventory

(Describe the major steps for identifying product/service/API)

For this project, we chose a marketplace model that offers a variety of Pokemon cards.  
  
**Store Name, Slogan, and Theme:  
Store Name:** Poké Mart

**Slogan:** “Your #1 Hub For Pokémon Cards”

**Theme:** A modern digital space for browsing and collecting Pokémon cards

The major steps for identifying our services, products, and API were:

1. **Initiation:** We brainstormed multiple different ideas and finalized on creating a  
   marketplace for Pokemon cards as it was a shared interest and we felt that it was a  
   niche product to work with.
2. **Research:** We discussed and researched through a variety of API’s and products  
   that we could use for our Pokemon marketplace but ended up finalizing and  
   choosing the pokemon TCG API. This API provided all of the information we  
   needed along with data sets of the products (cards) we were going to list.
3. **Service Inventory:** We defined our product inventory based on the available data  
   and information from the API, making sure that our inventory covers necessary  
   details such as name, image, description, prices, and categories for each card.
4. **Task Management:** Utilized Jira to issue and track project task implementation.

# Task 2: Project Planning, Wireframing, Layout, Dynamic Content

(Describe the project planning (Gantt Chart) and major steps for designing the layout (Figma) and visualizing data using Card design)

# Task 3: Authentication/Authorization

(Describe the major steps on how to make JWT user authentication in the app)

# Task 4: "Favourites" functionality

(Describe the major steps on how to make “favorite products” in the app)

# Task 5: "Route Guard" functionality

(Describe how to implement protected routes)

# Task 6: deployment

(Describe the major steps for deployment)

# Bonus questions

(Describe the major steps for designing the bonus question)

# Project planning/sharing tasks

(Describe how did you divided the work and did project planning. Have you changed the day-1-planning/milstones/deliverables that we did at the beginning of project in the class?)

# Project performance check

(check your project performance using google lighthouse and add the screenshot of your current app status here )

# Summary

(Describe your experience in this project, share your feedback on how this project was align with the course objective and how do you think the project can be changed to provide a better experience, …)