# **Sprint Planning Notes**

**Team:** Group-P5-01

**Sprint #1**

**Date:** 20/08/2023

**Attended:** Keely Smith, Tanya Tran, Huy Do, Kevin Chen, Antoni Giannakopoulos [Toni], Myat Theingi Nwe [Gigi]

**Scrum Master:** Kevin Chen

**Product Owner:** Alessio Bonti

**Development team:** Keely Smith (s3898340), Tanya Tran (s3843142), Huy Do (s3894502), Kevin Chen (s3780646), Antoni Giannakopoulos [Toni] (s3895923), Myat Theingi Nwe [Gigi] (s3963447)

**Goal**

The goal of this sprint is to complete the construction of the working website and database system, building on the groundwork laid in sprint 0. We intend to implement microservices and a REST API to separate frontend from backend and backend from database, with a focus on delivering a functional prototype ready for testing and user feedback.

**Duration of the sprint**

3 weeks

**What is the team’s vision for this sprint?**

This sprint, our goal is to develop all front-end pages with core functionality, build back-end services in MVC format (excluding certain extensions or deferred tasks), and create a robust DynamoDB database with essential REST API calls. Additionally, we'll add sample products to the database for testing and demonstration purposes.

* **Front-end:** The main goal for this sprint is to create the functionality of all front-end pages. This means that all user interfaces and interactive elements should be developed and tested to ensure a seamless user experience. While they may not be in their final design, they should provide the core functionality required for the application.

* **Backend:** In this sprint, the focus is on building the backend infrastructure following the MVC architecture. This requires setting up the necessary server-side components to handle data processing and logic and maintaining a modular and scalable codebase. Some backend extended or deferred tasks will be addressed in Sprint 2.

* **Database:** The database aspect of this sprint involves implementing a DynamoDB database, ensuring it is fully operational and capable of storing and retrieving data quickly. Additionally, this sprint aims to establish the required REST API endpoints for communication between the front-end and back-end systems. To enable testing and demonstration, sample products will be populated in the database, allowing validation of the system's functionality and performance.

**Estimation in story points**

See product backlog for Sprint 1 task length estimations: