

## **TEAM 2 – Sprint 4 Planning Report**

### **Sprint 4 goals:**

- Implement all critical planned features and ensure full functionality.
- Identify and fix bugs, including UI glitches, data errors, and error handling issues.
- Test business logic, UI components, and data flow to ensure reliability and accuracy.
- Create a Dockerfile for the application, build the Docker image, and push it to Docker Hub using Jenkins.
- Test the Docker image on the local machine and verify deployment functionality.
- Update and finalize all project documentation, including README, sprint reports, and task boards (Trello/Jira).
- Share the functional prototype with the team and peers, demonstrate key features, and collect feedback.
- Discuss future project plans, potential improvements, and next steps for upcoming sprints.

### **User Stories for Sprint 4**

#### **1. Feature Implementation**

- *As a user*, I want all key features of the application to be fully functional so that I can use the product as intended.

#### **2. Bug Fixing & Testing**

- *As a user*, I want the interface to be free of glitches and errors so that the application is easy to use.
- *As a developer*, I want to fix all identified bugs to make the application stable and secure.

#### **3. Docker & Deployment**

- *As a developer*, I want to containerize the application with Docker so that it can be deployed easily on any machine. I want to automatically push the Docker image to Docker Hub via Jenkins to streamline deployment and testing.

#### **4. Documentation & Prototype**

- *As a user*, I want access to proper documentation and instructions to understand how to use the application.

- *As a team*, we want to collect and act on peer feedback to improve the product and resolve outstanding issues.

## 5. **Future Planning**

- *As a team*, we want to discuss future tasks and improvements to make the next sprint more productive.

[Trello Sprint4](#)

[GitHub](#)

[Figma](#)