**CS691, Capstone Project - Retrospective Report**

**Iteration:**

Team No:4

Project Manager: Mudra Koradia

Application Name: Whisk and Drizzle

Meeting Date: 10/26/2024

Mandatory points to address:

* Velocity (effort) estimation for iterations
* Following the schedule of deliverables
* Slack communication
* Peer-reviews

| **What Worked Well** | **What Can Be Improved** | **Suggested Improvement Actions** |
| --- | --- | --- |
| All planned user stories for Sprint 1 were successfully **developed, tested, and are running smoothly**, including:  - **02.01 Browse The Product Variety**  - **02.02 View Detailed Product Information**  - **03.01 Category Management – Add, Update, Delete**  - **03.02 Product Management – Add, Update, Delete**  - **03.03 Inventory Dashboard**  - **03.04 Manage Product Stock Levels**  - **04.01 Log In as User**  - **04.02 Log In as Admin**  - **04.03 Easy SignUp**  - **04.04 Delete Account**  - **06.01 Contact Us Page**  - **06.03 FAQ Sections** | **Communication on Slack** was inconsistent, leading to delays in issue resolution and sharing progress updates. | Implement **daily check-ins** via Slack or another tool to share progress, blockers, and updates, ensuring better team sync. |
| Team collaboration on **development** tasks (e.g., login, signup, product browsing) was efficient and smooth. | - | Set clearer priorities and task assignments to ensure continuous feature delivery and focus on business-critical stories. |
| Successfully implemented **core user interactions** and **admin features** (e.g., login, product variety). | **Jenkins deployment** was time-consuming and prone to errors, causing delays. | Assign **additional contributors** to Jenkins deployment, allow for **extra time** in the sprint plan to handle potential errors. Increase the velocity of the task for timely completion. |
| **Login and account management features** were implemented successfully, allowing users and admins to access their accounts. | **Password storage** in the database is not encrypted, creating a potential security risk. | Implement **password encryption** in the database for better security. |
| Account deletion was implemented and tested as part of the user stories. | **Account deletion** deletes all user data, which may cause issues with maintaining historical records in the system. | Adjust the **account deletion process** to remove only login credentials while maintaining other user data for record consistency. |
| Homepage browsing and product variety features worked well for users. | Adding **featured products to the homepage** could enhance user experience and improve visibility of top-selling items. | Display **featured products** on the homepage to increase product visibility and customer engagement. |
| Templates and processes for documentation were **standardized and available**. | Team members struggled to **adhere to the templates fully** and **understand the exact purpose** of each document. | Provide **detailed guidance and explanations** for the purpose of each document to ensure team members adhere to the standards. Review documentation early in the sprint to catch any issues sooner. |
| - | **Peer reviews** were inconsistent, especially for documentation, leading to delays and unaddressed issues. | Schedule **mandatory peer review sessions** using a checklist to improve quality and timeliness of reviews before approvals. |
| Development was aligned with sprint goals, and all user stories were completed without carryover to Sprint 2. | - | Maintain the current focus and momentum in future sprints by sticking to structured processes for feature development. |