

Sprint 3 Documentation (Week 5-6: 10.02.25 – 02.03.25)

Sprint Goals

The primary goal for Sprint 3 is to enhance the application's infrastructure and functionality by integrating Docker and Jenkins, improving frontend and backend collaboration, and implementing analysis/report feature.

1. Docker Integration and Team Familiarization
 - Integrate Docker into the development environment and ensure the whole team is familiar with Docker's functionalities.
2. Working Jenkins Pipeline and Report
 - Develop a fully functional Jenkins pipeline for continuous integration, deployment and integrated reports.
3. StockMaster Analysis and Report Integration
 - Design and implement the user report logic into the project frontend and backend.
 - Test the feature for reliability and performance under different scenarios.
4. StockMaster Notification Feature Integration
 - Design and implement expiry date notification feature in the backend and frontend.
 - Test the feature for reliability and performance under different scenarios.
5. Ensure Frontend and Backend Complete Integration and Functionality.

Timeframe

The sprint will span from 10.02.25 to 02.03.25 (two weeks). Each task has an estimated duration to ensure it fits within the sprint. The tasks are planned with room for flexibility to address any unforeseen issues during the sprint. The close schedule can be seen from Trello.

Sprint Review and Retrospective

At the end of the sprint, a review will be conducted to assess whether all the goals were met. Feedback will be gathered from team members to identify areas for improvement in the next sprint.

Trello:

