

Sprint 4 deliverable

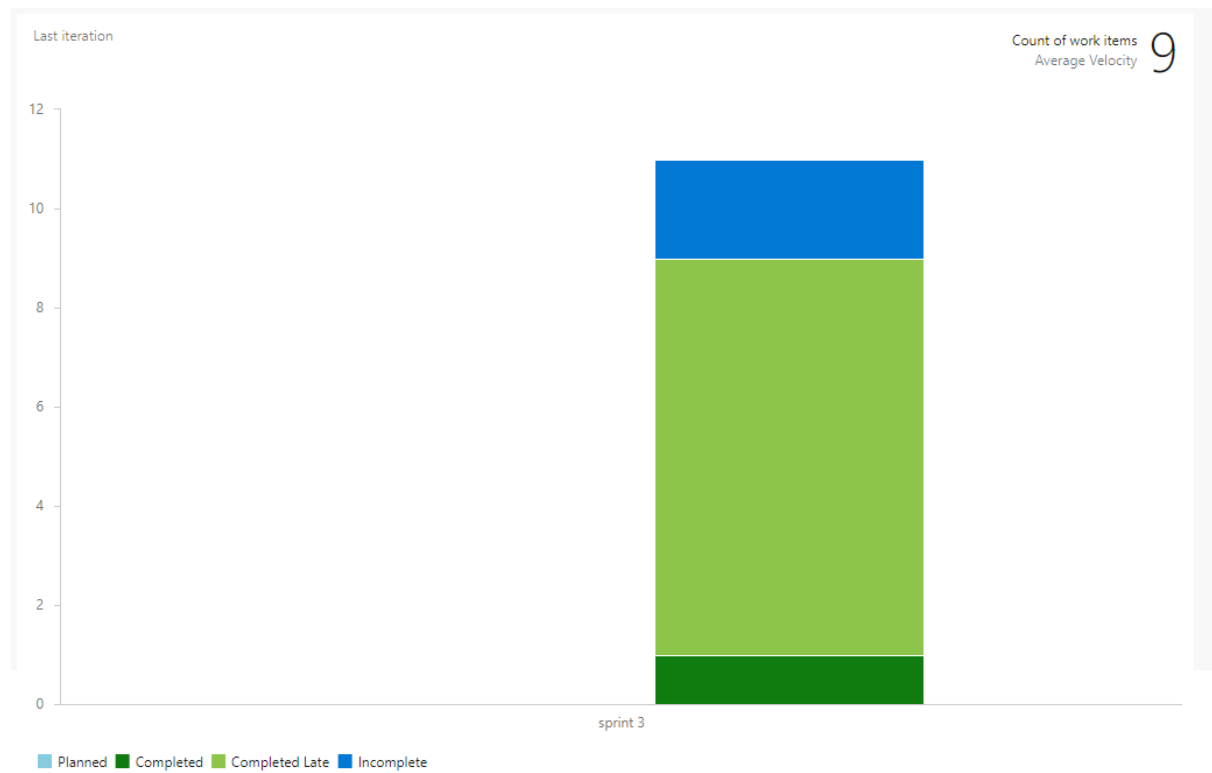
Semester 6 | Ivan Ovcharov 4090993

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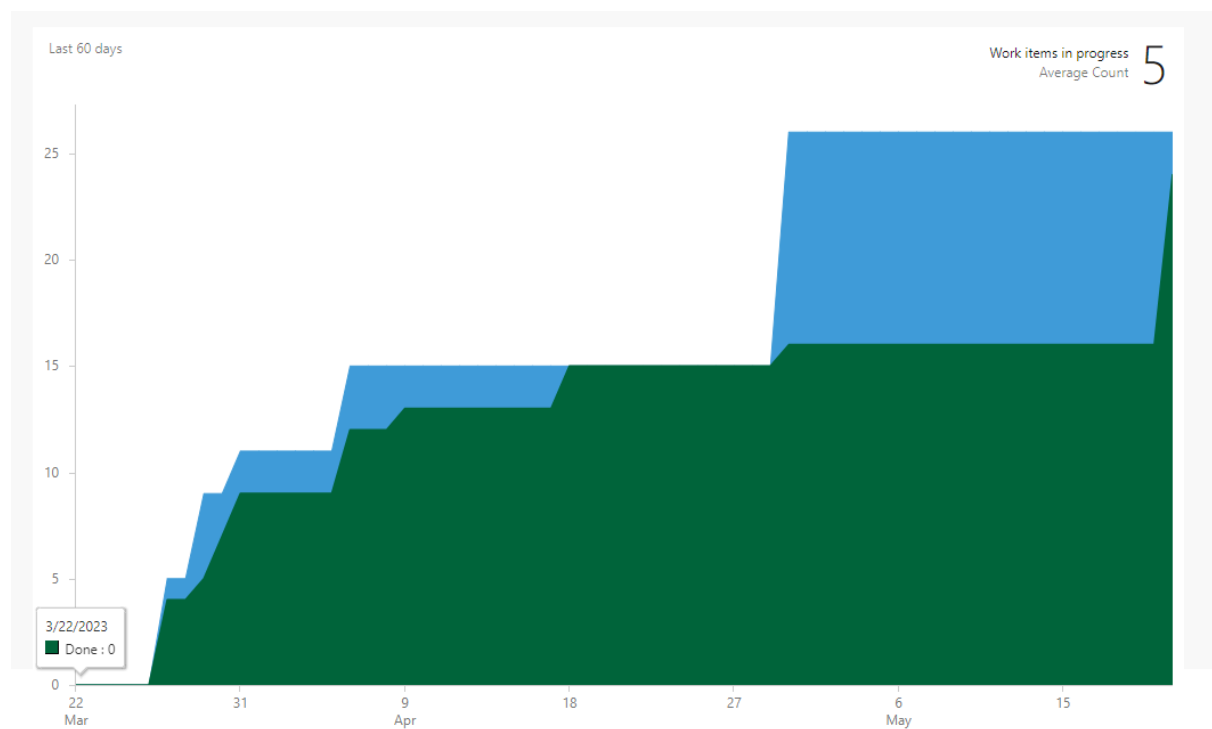
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Sprint breakdown

Velocity Diagram



Cumulative Flow Diagram



For this sprint, the main goals were mainly related to finalising dev operations. This involved automatic building, uploading to dockerhub and code quality assurance with sonarqube. The idea behind this sprint was to finalise anything functional/technical left and have the final sprint focused on deploying the application.

Documents that have been updated:

- **Architecture design**
- **Devops design**
- **Security design**
- **Data distribution & GDPR**
- **Cloud services**

Sprint achievements

This sprint has been very productive and a lot has been achieved. Most of the necessary requirements have been covered or will be covered by the next sprint.

First, a breakdown of all of the functional tasks achieved this sprint:

- Automatic build and test pipeline with Azure
- Automatic push to Dockerhub
- Code quality assurance with Sonarqube
- GDPR Compliance issues - user self deletion, encryption of documents
- Event based saving of documents
- Initial templates
- Frontend collaboration
- Websocket server

The link to the azure board can be found here: [Project repo](#)
(if the link above does not work, a zip of the project can be found in the portfolio section or the sprint delivery section)

Furthermore, a link to the portfolio can be found here: [portfolio](#)