Sprint Review — Sprint 1

Introduction

In this report we go over what we have done in the first sprint and what we still need to do. We go over what went well, what did not, and how we will continue. Keep in mind this is our first time.

Sprint Goals

- Setup the structure of our project.
- Setup the tools for communication and project management.
- Start the development of the application.

Achievements

1. **Project Repo**: We made a GitHub Organization and repository for our project, which allows us to manage and work together on our code (GitHub > GitLab).
2. **Communication Setup**: We made our own Discord server since everyone knows how to use it beforehand and has features such as channels and GitHub integration (Discord > Teams).
3. **Access**: We made sure everyone has full access to the tools, due to our group trust, so there is no holdup.
4. **Management Setup**: We have fully setup Jira and are using it to keep track of what needs to be done.
5. **Development Start:** We have started basic work on our project, e.g., setting up the environment, writing models based on the units in the excel spreadsheet and case.

Pending Items

- We still need to program the AssetManagerViewModel (AM-1) in our repository.

Action Items for Next Sprint

- **File Content**: We will prioritize getting AM-1 and SDM-1 done.
- **Tool Use:** We plan to get better at Scrum and Jira, so we can manage our project better.
- **Avalonia UI:** We need to get familiar with the Avalonia UI Framework. We will do this independently and through AOOP.

Git Log

commit 84c4887d7fb9249ed086b8bd45097c4b4414c869 (HEAD -> main, origin/main, origin/HEAD)

Author: Mathias <17691448+RespectMathias@users.noreply.github.com>

Date: Tue Mar 12 21:46:25 2024 +0100

Added Avalonia Project

- Avalonia.MVVM project added
- ViewModels (Aka Controllers) are based of the components (Unimplemented)
- Models are based of the excel data (Somewhat Implemented)
- Views are added for the main GUI the "Calculator"-style GUI that the supervisor mentioned and for the data Visualizer we can just make a view for that when we get that far.

commit 8d0403a06b0dd3f415cf1bb7be35cfaf0c0a5a3e

Author: Mathias <tisen2013@gmail.com>

Date: Wed Mar 6 11:44:16 2024 +0100

Added documents

- Lecture docs added
- Req by Ahmed added
- DoD and Product Backlog doc Added

commit 5ce853b772d3b6a08fff1aebb7031c0d57b17478

Author: Mathias <tisen2013@gmail.com>

Date: Wed Mar 6 11:26:20 2024 +0100

Initial commit

Scrum Board

Projects / Semester Project

Sprint 1

Setup project infrastructure, collaboration tools, begin foundational development.

Epic ⌄   Label ⌄

TO DO 1

AM-1 Setup and Configuration

ASSET MANAGEMENT (AM)

HighPriority   Development

🔖 SCRUM-7   3

IN PROGRESS 1

AM-2 Define Operation Points

ASSET MANAGEMENT (AM)

MediumPriority   Development

🔖 SCRUM-15   2

DONE 1 ✓

Create the Avalonia project

AvaloniaUI   UIDevelopment

Setup

🔖 ~~SCRUM-20~~   ✓ 5

Burndown Chart

Sprint burndown chart

> How to read this report

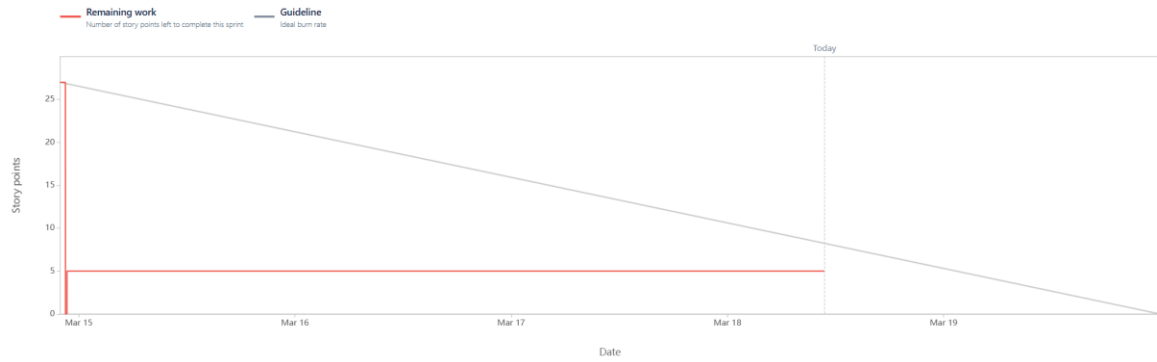| Sprint	Estimation field
Sprint 1 ⌄	Story points ⌄

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Date - 14 March 2024 - 20 March 2024

Sprint goal - Setup project infrastructure, collaboration tools, begin foundational development.

Remaining work — Number of story points left to complete this sprint

Guideline — Ideal burn rate

Sprint Retrospective — Sprint 1

Introduction

In the retrospective we will go over what worked, what did not and how we can improve. This is about learning from our mistakes.

What Went Well

- **Quick Setup:** Getting our Discord and GitHub setup fast helped. It made it so we could smoothly communicate and organize our code and docs.
- **Project Organization:** Using Jira, now everyone knows their roles and responsibilities.

What Didn't Go Well

- **Missing Task:** Not getting AM-1 within the period assigned.
- **Skills:** We all need to get better at Scrum/Jira and Avalonia. Having these skills will make our work go a lot faster.
- **Team Involvement:** We had some issue with absenteeism, which slowed us down and hurt the spirit of the team.

What We Learned

- **Clarify Roles Better:** Even if we have assigned roles, we need to be clearer who handles what task.
- **Learning:** Setting aside some time for learning could help us out.

Action Items

- Skill Building: Planning some sessions to get us all on the same page with Scrum/Jira and Avalonia.
- Availability: Having a talk about the absenteeism and how we can reschedule or motivate to fix it. And Check if the deadlines are realistic.
- Boost Morale: During the retrospective I have been told there is low energy in the group, so I think team activities or catchups could help.

Conclusion

In retrospect we have found some steps we can take to improve our team and project. So we will try to use these lessons and make the next sprint better.