

Thursday June 1 Sprint 4 Retrospective

For sprint 4 we were able to achieve most of what we intended to do which includes the backlogs from sprint 3. Some of the user stories that were added to sprint 4 were removed due to time constraints and not having much impact on our web application. At the end of sprint 4, the user is able to create and login to their account. The user can create an appointment by specifying an event title and select the lecturer from all existing lecturers in the database, by selecting a lecturer, their respective time slots will appear to be selected as the timeslot input. The appointment is reflected on both the student and the lecturer side. If the appointment is cancelled, it is moved to cancelled appointments and the appointment status is updated from upcoming to cancelled. Other students can join an existing appointment by clicking the **Join Existing Appointment** button which will lead them to a page where they can search for all appointments by lecturer name or event name.

Sandile Kunene:

What went well?

- The student can choose a lecturer from the database and time slots based on the selected lecturer.
- If the appointment organiser cancelled a meeting, the appointment status is changed to cancelled on both the student and the lecturer.
- Epics and user stories have been connected.
- Flash messages for logging in were successfully implemented
- All the core functionalities have been achieved, some of the functional implementation is not in-depth, this can be improved.

What went wrong?

- Some of the user stories were removed as they did not have much density to the application.
- Flash messages for other aspects of the application were not implemented because of time and it became hard to add them when we had a lot of code.
- The main route file has a lot of code, we had planned to separate it into appointment routes and other files but due to time, we could not implement that.
- Students can join a cancelled meeting even though the status will not change, it would have been a good practice to prevent them from joining a cancelled meeting or the search results should not contain cancelled meetings.

What could be improved?

- The flash messages should be added when starting the website, it becomes easier to debug in that way.
- The students should not be able to join a meeting that is cancelled.
- Most of the problems were a result of not being able to do sprint 1 correctly. This led to the work piling up and it became hard to keep up as we went forward. Getting things right from the start would result in a good application.
- Communication can be improved. The communication dropped during sprint 4, which led to not doing the work efficiently. If communication was good, we

would have not missed some of the important things that we were supposed to implement.

Karabo:

What went well?

- Core functionality was implemented
- Most flash messages were working well ensuring improved handling of backend response
- User can sort their appointments
- The lecturer can see who the meeting organiser is
- Students can only book consultations based on the lecturer's availability slot
- Lecturers cannot set overlapping availability time slots, therefore ensuring no overlapping consultations

What went wrong?

- It was noticed at a later stage that some required core functionalities had not been implemented. This led to tasks which were initially meant to be implemented in sprint 4 to be abandoned in order to implement core functionalities.
- Not including more tests throughout the project
- Communication decreased in sprint 4
- Not fully polishing the user interface to ensure users have a smooth user experience while using the app.
- Flash messages not working for some aspects of the application.

What could be improved?

- Communication
- Better planning and identification of core functionalities
- Ensuring user stories are not underestimated
- First focussing on core functionalities then moving onto added features

Thamsanqa:

What went well?

- Most of the core functionality was implemented
- Was able to show correct number of seats available in the join existing
- Flash messages appear to the user.

What went wrong?

- None of the user stories in sprint 4 were completed due to time constraints.
- Certain design choices made flexibility difficult which made it hard to scale features.
- Primary core functionality was ignored for too long which made sprint 4 a means to complete core functionality.
- Certain functionality stopped working due to lack of testing.

What could be improved?

- Better collaboration with group members
- More testing of features to prevent other functionality from breaking.
- Focusing on core functionality in the early development stages.

Ashard:**What went well?**

- The user(lecturer) can see the status of an appointment(i.e. cancelled)
- Cancelled appointments are moved to the cancelled dashboard
- All user activities such as login/logout, creating time slots, creating an appointment, cancelling an appointment etc are now logged. The user logs are stored in the database.

What went wrong?

- If an appointment has passed, it does not change the status to “Passed”
- Adding another lecturer to a meeting was not implemented successfully
- User interface is not as fluid
- Integration issues came up. However, this was resolved

What could be improved?

- Change appointment status based on current time i.e. if an appointment date has passed it changes the status accordingly.
- Streamline the user interface
- More rigorous testing of the website features