

## **Sprint 1 Retrospective**

**Team 96**

**Tutor: Prakash Bhandari**

**Workshop: Friday 10-12pm, Room O-303**

| <b>Student Name</b><br><b>Role</b>    | <b>Student Number</b> |
|---------------------------------------|-----------------------|
| Hugh Duong – Tran – Tien<br>Developer | N9747362              |
| Alexander Erickson<br>Developer       | N9958541              |
| Michael Huggett<br>Scrum Master       | N8858721              |
| Jaari Reynolds<br>Developer           | N9970509              |
| Zachary Seeto<br>Product Owner        | N9735062              |

## **What You Did Well**

As a team, we had done several things well throughout sprint 1. This involved the following:

- Our team had strongly applied the principles of Scrum and Agile throughout the development of our project. Agile played a key part in the software development of the sprint 1 plan. Specifically, through focusing our efforts on high value features of the sprint 1 plan, such as the account creation page and the login page. Meanwhile, Scrum helped our team through weekly scrum meetings, which allowed our team to be in more control of the project schedule and helped us in creating a highly functional car rental application.
- Communication was extremely important throughout sprint 1. Our team demonstrated a high level of communication throughout the development of the project. This involved us informing each other on the current progress of each user story and any issues we were experiencing with code development. Additionally, we had informed our team members of any lack of attendance or lateness to workshops, which allowed us to prepare better.
- The delegation of tasks for sprint 1 was extremely effective for sprint 1 as we had delegated tasks based on our individual strengths, which improved time efficiency and ultimately allowed us to finish our sprint 1 in a much faster time period. This prevented team members pursuing tasks that they weren't capable of completing in time.
- Throughout sprint 1, we were all very honest about our current progress individually in regards to homework, such as coding development for user stories, diagrams and database related material. This was vital for sprint 1 because it allowed us all to prepare better for incomplete tasks and any issues we were experiencing individually.
- Lastly, our team had an extremely positive attitude throughout the development of sprint 1, which allowed us to work much better as a team in a friendly environment. Therefore, we had all contributed effectively with the support of each other in a positive manner.

**What will you do differently next time to improve the performance**

Sprint 1 provided our team with a great learning experience that will certainly improve our performance for sprint 2. This involves the following:

- One of the problems/obstacles brought up in the first sprint was that working on user stories individually was inefficient and not good for a nimble and agile environment. For that reason, we will work on user stories as a team rather than individually in the next sprint. This can be done through applying Agile and responding to change over following our previous plan.
- Scrum was an effective process throughout the development of the first sprint however it was heavily underutilised. As such, our team plans to employ the use of scrum more often throughout sprint plan 2. Perhaps through having more regular scrum meetings throughout each week to cope better with change.
- By knowing more about the Django framework, as a team we will more efficiently decipher tasks based on experience from the first sprint. This will result in quicker workflow as less time will be spent on trying to work around small issues.
- Our team had collaborated effectively during sprint 1 however we were sometimes unprepared for the workshops. We plan to come better prepared to the workshops each week by having regular scrum meetings through discord and discussing any homework tasks we need to complete to ensure we're well prepared.
- While our team operated very effectively during the first sprint we didn't set any deadlines or schedules for certain tasks. As such, we plan to set due dates for our tasks to better improve performance during sprint 2. This can be done with the support of Agile and Scrum.

**What you did not do well**

- Our team didn't agree on a unified design until late into the sprint, which caused some parts of the website to look completely different to others. This also meant that the team was inefficient during a portion of the project and ultimately led to a bit of confusion towards the end of the first sprint.
- The group was slow to start at the beginning, resulting in a reduced velocity for the first couple weeks. This was primarily due to a lack of ability to complete the user stories as we weren't familiar with Django.
- The team wasn't fully familiar with the Django framework, which reduced the initial amount of work done, as well as created lower quality code near the beginning of the first sprint. Furthermore, different online Django tutorials resulted in different code implementation and ultimately effected our progress towards the end of the first sprint.
- We didn't apply the concepts of Agile and Scrum until the halfway mark of our first sprint, which ultimately effected overall progress and development of the project.
- The team members had different visualisations on what each page should look like primarily due to us each working on our own user stories. This resulted in a different layout for each page until near the end of the first sprint.