# SFT221 SCRUM Report and Reflections

This report should be completed in the class and submitted at the end of class. Late submissions cannot be accepted without prior approval of the instructor.

**GROUP**: \_\_\_\_\_\_\_\_5\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Members Present**:

|  |  |
| --- | --- |
| 1. Audrey Duzon | 4. Ka Ying Chan |
| 2. Tae Yong Eom | 5.Julia Alekseev |
| 3.Azad Zeynalov | 6. |

## Milestone 6 Tasks

This is the final milestone where you will run the acceptance tests and fix any remaining bugs found. In addition, you will produce a testing report which lists all the tests conducted, the results and whether the bugs were fixed, and the final test passed. You will also review the test matrix to ensure every test has been performed and passed. You can change the colour of the test in the matrix to show it was run and passed. At the end, all tests in the matrix should have been passed.

The final test report can be tabular like this:

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| --- | --- | --- | --- |
| Function/acceptance/requirement | Test Run | Bugs Fixed | Passed |
| Distance | TF001 | Did not handle negative coordinates | 🗹 |
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**Deliverables Due at end of Lab:**

* SCRUM Report and reflections

**Deliverables Due at 23:59 4 Days after Lab:**

* Execute acceptance tests(results in Jira), and debug.
* Updated function-test matrix stored to the repository.
* Final Testing report listing tests conducted, bugs fixed and the final test passed.

**Rubric**

|  |  |  |
| --- | --- | --- |
| Individual | Group Participation | 75% |
|  | Teamwork | 10% |
|  | SCRUM Report & reflections | 15% |
| Group | Updated test matrix | 20% |
|  | Final test report | 20% |
|  | Test Execution (performed, results recorded, issues created) | 10% |
|  | Debugging (Bugs fixed, documented, Jira updated) | 5% |
|  | Git Usage (used properly with good structure) | 5% |
|  | Jira Usage (creates issues, tracks progress) | 5% |
|  | Meets Deadlines | 5% |
|  | SCRUM Report & reflections | 30% |

**SCRUM Report**

**Summary of Tasks Completed or Delayed in the last week:**

Here you can list all of the tasks completed in the last week along with any tasks which could not be completed with a reason why they could not be completed.

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| --- | --- | --- |
| **Member** | **Tasks Completed** | **Tasks Delayed/Blocked** |
| **Julia** | **Debugging and print route function** | **COMPLETED** |
| **Julia** | **Reflection** | **COMPLETED** |
| **AUDREY** | **SCRUM, DEBUGGING** | **COMPLETED** |
| **AZAD** | **ACCEPTANCE TEST** | **COMPLETED** |
| **TAEYONG** | **DEBUGGING** | **COMPLETED** |
| **NICOLE** | **ACCEPTANCE TEST** | **COMPLETED** |
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For every task delayed or blocked, describe the reason for the delay or block, how it impacts the project and the proposed solution or workaround**.**

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| --- | --- |
| **Delayed or Blocked Task** |  |
| **Reason for delay or block** |  |
| **Impact on Project** |  |
| **Solution or work-around** |  |
|  |  |
| **Delayed or Blocked Task** |  |
| **Reason for delay or block** |  |
| **Impact on Project** |  |
| **Solution or work-around** |  |

**Summary of Meeting:**

A summary of the main points discusses in the meeting and the outcomes of the discussions.

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| --- | --- | --- |
| Topic | Discussion Summary | Outcome |
| Julia | **Debugging and print route function** |  |
| Julia | **Reflection** |  |
| BUGS FIXED | **Julia and Audrey collaborated to fix the bugs related to diversion output, weight capacity, loading to a different truck, and building destination check** | **complete** |
| Acceptance test cases | **New test cases to be use for final acceptance test using the bug-free program** | **complete** |

**Summary of Decisions Made:**

This will include major architecture and design decisions, testing decisions, prioritization of tasks, dealing with problems encountered and other major outcomes from the meeting.

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| --- | --- |
| Decision | Rationale |
| Additional bugs missed from previous milestone | Each programmer who added a new implementation is responsible for ensuring that their addition does not introduce new bugs. |
| Assistance provided | When a programmer or tester is stuck, another member will be available to provide assistance as necessary and within their abilities. |
| Due dates | Each member of the team is punctual in completing their task to ensure a timely submission of the entire milestone. |
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**Tasks Attempted During Meeting:**

Each member is assumed to participate in the SCRUM meeting and contribute to the completion of the SCRUM report and reflections. Since the SCRUM meeting will not take more than 20-30 minutes, there is lots of time left to undertake some of the actual work tasks. In the table below, each member should list what they did to complete the SCRUM report, the reflections, and 1-4 other tasks they completed during the class period. If a task could not be completed, the student should indicate why this was not possible.

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| --- | --- | --- | --- |
| Member | Task Attempted | Time Spent | Complete? |
| Julia | **Debugging and print route function** | **10** | **y** |
| Julia | **Reflection** | **30min** | **Y** |
| AUDREY | **SCRUM, DEBUGGING** | **10** | **Y** |
| AZAD | **ACCEPTANCE TEST** | **10** | **Y** |
| TAEYONG | **DEBUGGING** | **5** | **Y** |
| NICOLE | **ACCEPTANCE TEST** | **10** | **Y** |
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**SCRUM Tasks Selected for Next Week**:

The tasks each member has selected to pursue for this class or the next week.

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| --- | --- |
| Group Member | Task Description |
| Julia | Lead Programmer |
| AUDREY | Project manager, Tech lead & programmer |
| AZAD | ACCEPTANCE TESTER 2 |
| NICOLE | ACCEPTANCE TESTER 1 |
| TAEYONG | Programmer |
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**Major Outcomes of Meeting:**

This is where you should highlight the major accomplishments of the class.

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| Outcome | Impact on Project |
| Finalization and reflection Julia | **The lead programmer was responsible for overseeing the finalization of the project to ensure that the output accurately reflects the expected results. Additionally, they were tasked with summarizing the group's reflections on the project** |
| Timely completion of individual Task | **Ensures the project is ready for submission before the deadline.** |
| Individualization of Task | **Each member has their own function. This division ensures that each task is completed. Any assistance needed from a team member struggling is provided.** |
| Effective Communication | **Great collaboration and learning from each other to complete the project** |
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**Things That Went Well in This Meeting:**

Here you can highlight things which worked well. This indicates that the way you worked on these items is working and should be continued.

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| --- | --- |
| Topic/Work Item | Reason for Success |
| Finalization and reflection | **The meticulous efforts of the team led to the project's successful completion ahead of schedule.** |
| Group collaboration | **Every member is respectful of each member’s time. Every contribution meets the group’s standard.** |
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**Things That Did NOT go Well in This Meeting:**

This is where you can list things which did not go well in the class. You should analyze why this happened and suggest how you can improve it next time. This will lead to the goal of *continuous process improvement*.

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| --- | --- |
| Topic/Work Item | Reason for Problem and How to do Better |
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**Reflections**:

1. **Although we wrote a report on the testing that shows which tests were run and passed or failed, we also updated the function test matrix. What are the advantages of updating the function test matrix in addition to writing the test report?  
     
   Answer:**  
   In addition to producing a comprehensive test report that outlines the executed tests and their findings, the process of updating the function test matrix offers a range of valuable benefits. By consistently refreshing the function test matrix, we establish a structured framework that serves as a comprehensive overview of our testing endeavors. This framework not only aids in visualizing the entirety of the testing process but also allows us to effectively track the dynamic evolution of test outcomes over time.

Furthermore, the practice of maintaining an up-to-date function test matrix greatly enhances communication and collaboration among team members. With a succinct and organized reference readily available, team discussions can be focused and efficient, centered around the test coverage and results encapsulated within the matrix. This targeted communication ensures that everyone involved remains well-informed about the testing status, contributing to a smoother workflow and more informed decision-making.

In essence, while the test report offers a detailed narrative of our testing efforts, the function test matrix serves as a dynamic tool that fosters clarity, traceability, and streamlined communication within our team.

1. **Teamwork on a project like this is vital to success. How well did your team work? If it worked well, what contributed to its success? If it did not work well, what contributed to the problems**?

**Answer:**  
Teamwork is indeed crucial for success in a project like this. Our team collaborated seamlessly and enjoyed strong communication, working together cohesively. This contributed significantly to our success, allowing us to share ideas, updates, and concerns freely. A clear division of roles and effective coordination streamlined our workflow and prevented any confusion. Regular progress meetings and a culture of mutual respect fostered a positive atmosphere, encouraging everyone to give their best.

However, in instances where our teamwork encountered challenges, various factors played a role. Communication issues, such as unclear instructions or infrequent updates, hindered our progress. At times, unclear roles and responsibilities led to confusion and overlapping efforts. Differences in work styles occasionally caused misunderstandings, and inconsistent leadership contributed to a lack of direction. Despite these obstacles, we recognized their impact and actively worked to address them, aiming to improve our collaborative approach in future projects.

1. **In every milestone you were asked what worked and did not work along the way. Were you able to incorporate what you learned to improving your team’s performance on the next milestone? Did your team learn from its mistakes and improve? If so, why? If not, why?**

**Answer:**  
At each milestone, we consistently assessed what worked well and what presented challenges. We actively integrated these insights to enhance our team's performance in subsequent milestones. Indeed, our team absorbed valuable lessons from its mistakes, leading to noticeable improvements. The practice of self-evaluation and the willingness to address our limitations cultivated a culture of ongoing development. Through this collective dedication to learning and adjusting, we successfully evolved and approached future milestones with greater efficacy. Understanding the importance of drawing wisdom from our experiences, we utilized the gained knowledge to fine-tune our methods, enhance teamwork, and elevate our overall project achievements.

1. **Did you end up testing the code to the point where you were convinced it worked correctly? Were there any tests that had not passed at the end? If so, what was the impact of this on the project?**

**Answer:**

We encountered challenges in achieving a satisfactory final result. Despite these obstacles, we remained committed to refining our testing efforts.

While we strived to comprehensively test the code, a few tests did not yield successful outcomes at the conclusion. Although this posed a setback, our proactive approach allowed us to mitigate its impact on the project. We acknowledged that unresolved test cases might potentially give rise to unforeseen complications in the future. Thus, we dedicated ourselves to identifying the causes behind the test failures and diligently addressing the discrepancies.