# 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**: 2

**Members Present**:

| 1. Jubril Olawale Akolade 167529213 | 4.Iraklis Tsanachtsidis 122226228 |
| --- | --- |
| 2.Frank Prerez 141647222 | 5.Aum Rasikbhai Parsana 112872221 |
| 3.Tarun Thomas 113605224 | 6.Rutarj Mrushad Shah 170870216 |
| 7. Faaz Sherwani 113026223 |  |

## 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:

| 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.

| **Member** | **Tasks Completed** | **Tasks Delayed/Blocked** |
| --- | --- | --- |
| **Iraklis Tsanachtsidis** | **Bug fixing, SCRUM REPORT, Jira, Acceptance testing, testing report production** |  |
| **Frank Prerez** | **Jira, SCRUM REPORT, Acceptance testing, testing report production** |  |
| **Tarun Thomas** | **SCRUM REPORT, Jira, testing report production , running of acceptance tests and debugging** |  |
| **Faaz Sherwani** | **Running of acceptance tests, SCRUM REPORT,Jira, testing report creation** |  |
| **Aum Rasikbhai Parsana** | **Acceptance testing, Jira, SCRUM REPORT, debugging remaining bugs that were found, testing report** |  |
| **Rutarj Mrushad Shah** | **SCRUM REPORT, Acceptance testing, debugging and testing report created** |  |
| **Jubril Olawale Akolade** | **Acceptance testing , fix of bugs, SCRUM REPORT & Jira, testing report production** |  |

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**.**

| **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.

| Topic | Discussion Summary | Outcome |
| --- | --- | --- |
| Task Status | **The team reviewed the status of tasks completed, delayed, and blocked. Identified reasons for delays and blocks** | **Action plans were formulated to address the delays and blocks, and additional resources were allocated to expedite critical tasks.** |
| Task Prioritization | **The team prioritized tasks for the upcoming week based on dependencies and project objectives** | **The prioritized tasks were documented and shared with the team for clarity and focus.** |
| Team Performance | **The team reflected on its performance and identified areas of improvement, such as consistent task documentation** | **Measures were put in place to remind team members to document completed tasks promptly.** |
| Milestone Accomplishments | **The team highlighted major accomplishments during the milestone, including effective problem-solving and decision-making.** | **The achievements were acknowledged and recognized as contributors to the project's success.** |
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**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.

| Decision | Rationale |
| --- | --- |
| Execute Acceptance Tests and Debug | Running acceptance tests and debugging are critical for identifying and fixing any remaining issues in the software before the final delivery. It ensures that the product meets the desired quality and functionality as per the acceptance criteria. |
| Update Function-Test Matrix in Repository | Updating the function-test matrix in the repository will provide an accurate record of all tests performed and their outcomes. It helps in ensuring comprehensive test coverage and acts as a reference for future maintenance and testing efforts. |
| Review Test Matrix for Completeness | Ensuring that every test in the function-test matrix has been performed and passed is crucial to verify that the software has undergone sufficient testing and meets the required quality standards. |
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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.

| Member | Task Attempted | Time Spent | Complete? |
| --- | --- | --- | --- |
| 1. Jubril Olawale Akolade 167529213 | **Reflection, Summary of tasks, summary of decisions, tasks that went well, testing report production** | **30mins** | **Yes** |
| 2.Frank Prerez 141647222 | **Updated function-test matrix, Summary of tasks, Summary of meeting** | **20 mins** | **Yes** |
| 3.Tarun Thomas 113605224 | **Executed acceptance tests and logged results, Completed SCRUM report and reflections** | **1 hour** | **Yes** |
| 4. Faaz Sherwani 113026223 | **Debugged and fixed issues found in acceptance tests, Completed SCRUM report and reflections,Tasks attempted during meeting, Tasks selected for next week** | **45 mins** | **Yes** |
| 5.Rutarj Mrushad Shah 170870216 | **Major outcomes, Summary of decisions made, SCRUM Report tasks selected for next week,**  **debugging and testing report created** | **35min** | **Yes** |
| 6.Iraklis Tsanachtsidis 122226228 | **Acceptance testing, testing report production, Things that went well, Scrum Report tasks Selected for next week** | **30min** | **Yes** |
| 7.Aum Rasikbhai Parsana 112872221 | **Summary of decisions made, summary of meeting, debugging remaining bugs that were found,** | **30min** | **Yes** |

**SCRUM Tasks Selected for Next Week**:

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

| Group Member | Task Description |
| --- | --- |
| 1. Jubril Olawale Akolade 167529213 | Execute acceptance tests, Write scrum report |
| 2.Frank Prerez 141647222 | Debug and fix any remaining bugs found during acceptance testing, Write scrum report, Jira assignments |
| 3.Tarun Thomas 113605224 | Update the function-test matrix in the repository with the latest test results, Write scrum report |
| 4. Faaz Sherwani 113026223 | Prepare the final testing report listing all tests conducted, their results, and the status of bug fixes, Write scrum report |
| 5.Rutarj Mrushad Shah 170870216 | Review and verify that all tests in the function-test matrix have been performed and passed, Write scrum report |
| 6.Iraklis Tsanachtsidis 122226228 | Write scrum report, Prepare the final testing report listing all tests conducted, their results, and the status of bug fixes |
| 7.Aum Rasikbhai Parsana 112872221 | Debug and fix any remaining bugs found during acceptance testing, Write scrum report |
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**Major Outcomes of Meeting:**

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

| Outcome | Impact on Project |
| --- | --- |
| Successful Execution of Acceptance Tests | The acceptance tests were executed, and all identified bugs were addressed and fixed. T |
| Updated Function-Test Matrix | The function-test matrix was updated to reflect all tests conducted, their results, and the status of bug fixes. |
| Task Prioritization | The team prioritized tasks related to acceptance testing and bug fixing to address critical issues first and ensure the timely completion of deliverables. |
| Collaboration and Communication | The meeting facilitated effective collaboration and communication among team members, leading to the successful resolution of issues and progress towards the final milestone |
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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.

| Topic/Work Item | Reason for Success |
| --- | --- |
| Task Execution | The team successfully executed acceptance tests and addressed any identified bugs promptly, ensuring a comprehensive and reliable testing process. |
| Documentation | The team updated the function-test matrix, providing a clear record of all tests performed and their outcomes |
| Prioritization | The team effectively prioritized tasks, focusing on critical areas such as acceptance testing and bug fixing |
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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*.

| Topic/Work Item | Reason for Problem and How to do Better |
| --- | --- |
| Bug Fixing Delays | Some bug fixes took longer than expected to address |
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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?

Updating the function test matrix in addition to writing the test report provides several advantages:

* Improved Traceability: The function test matrix serves as a comprehensive reference to track which functions were tested, their outcomes, and any related issues. This traceability aids in future maintenance and troubleshooting.
* Holistic View: The function test matrix allows stakeholders to quickly assess the overall test coverage and identify areas that may require more attention during future testing cycles.
* Documentation: It serves as a record of testing efforts, enabling team members to review and build upon previous testing experiences.

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?  
     
     
   The team worked well overall, contributing to the project's success. Effective communication, cooperation, and division of tasks based on individual strengths were key contributors to the team's success.

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?  
     
     
   The team incorporated lessons learned from each milestone into improving its performance for subsequent milestones. The team's willingness to learn from mistakes and implement improvements resulted in more streamlined processes and better outcomes.

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?

The code was thoroughly tested, and all tests were successfully passed by the end. This ensured the reliability and correctness of the project. However, some minor bugs were discovered during the testing phase, which were promptly addressed to maintain project quality and stability.