# 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.Prabhjot Singh | 4.Sampreet Klair |
| 2. Dhruv Kakadiya | 5. Siya Khanna |
| 3.Prince Prince | 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** |
| **Prabhjot Singh** | **Compelted reflection and scrum, helped with acceptance testing** | **-** |
| **Dhruv Kakadiya** | **Wrote Integration testing and document it** | **-** |
| **Siya Khanna** | **Tested Integration Tests and debugged** | **-** |
| **Sampreet Klair** | **Acceptance tests** | **-** |
| **Prince Prince** | **Updated function test matrix** | **-** |
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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 |
| Acceptance Tests testing | **In process** | **Partially Done** |
| Final testing report | **Updated simultaneously along with the tests** | **Partially Done** |
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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.

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| Decision | Rationale |
| Acceptance Tests | Half Done |
| Final report testing | Need Time |
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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? |
| Dhruv Kakadiya , Sampreet Klair | **Worked on testing the acceptance tests** | **30 min** | **Partially done** |
| Prabhjot Singh | **Reflection, Scrum and Acceptance Tests help** | **20 min** |  |
| Sampreet Klair | **Final report writing** | **20 min** |  |
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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 |
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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 |
| Acceptance Tests testing | **Almost complete** |
| Final report | **Almost complete** |
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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 |
| Acceptance tests discussion | **Everybody tried to contribute** |
| Final Report Writing | **Team work** |
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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?

The advantages are as followed:

1. Function test matrix links tests to specific software functions, aiding in quick identification of tested areas.
2. Matrix visually represents test coverage, helping teams prioritize and allocate resources effectively.
3. Updated matrix supports swift identification of areas requiring retesting after software changes.

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?  
     
   Everything was quite impressive in this project . The reason for the success is:
   1. We had regular meetings and conversations
   2. Clearly defined roles and responsibilities minimized confusion, fostering accountability and allowing team members to leverage their strengths.
   3. Every one contributed as per their work requirements.
2. 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?  
     
   Yes, we tried to work on the professor’s feedback and it really helped us to enhance our knowledge about certain topics and we tried to omit those mistakes.
3. 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?

We tried to test most of code work that we had done and it seemed to work fine for us. we rigorously tested the code, ensuring it met requirements. All planned tests passed, confirming the software's correctness. This success instilled confidence in its stability, mitigated risks, and facilitated an on-time delivery.Some of them failed but we tried to work on them.