# 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**: \_\_\_\_\_\_\_\_\_\_\_\_\_3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Members Present**:

|  |  |
| --- | --- |
| 1. Leo Ru | 4. Frank Fu |
| 2. WaiSun Lam | 5. Kam Chun Stanley Tung |
| 3. Xinyang Ma | 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** |
| Leo Ru  WaiSun Lam  Xinyang Ma | **Test final report**  **Fix bug**  **new integration test**  **new acceptance** |  |
| Leo Ru  WaiSun Lam  Xinyang Ma  Kam Chun Stanley Tung  Frank Fu | **Scrum report** |  |
| Xinyang Ma | **Update Jira** |  |
| Kam Chun Stanley Tung | **Reflection** |  |
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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 |
| New Integration test | **Discussed/reviewed and suggested integration testing** | **approved** |
| New Acceptation test | **Discussed/reviewed and suggested acceptation testing** | **approved** |
| Reflection | **Reviewed and discussed** | **approved** |
| Final test report | **Discussed/reviewed and suggested final test report** | **approved** |
| Fix bug | **Discussed/reviewed and suggested fix bug** | **approved** |
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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 |
| New Integration and acceptation | Test and make sure the program run successfully |
| Final test report | Test and make sure the program run successfully |
| Fix bug | Test and make sure the program run successfully |
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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? |
| team | **Scrum report** | **30mins** | **Yes** |
| Leo Ru  WaiSun Lam  Xinyang Ma | **New Integration and acceptation** | **3hrs** | **Yes** |
| Leo Ru  WaiSun Lam  Xinyang Ma | Final test report | **30mins** | **Yes** |
| Leo Ru  WaiSun Lam  Xinyang Ma | **Fix bug** | **6hrs** | **Yes** |
| Leo Ru  WaiSun Lam  Xinyang Ma | **martix** | **30mins** | **Yes** |
| Kam Chun Stanley Tung | **Reflection** | **1hrs** | **Yes** |
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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 |
| Tasks assigned for final milestone/ Completion of scrum report 6 | **Everyone on the same page and knows what needs to be done** |
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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 |
| quickly decided on division of labor without conflict | current phase of assignment has clearly outlined deliverables that made it easy for group members to understand the necessary tasks as well as likely workloads involved |
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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?  
  
There are several advantages of updating the function test matrix in addition to writing the test report:

A.The function test matrix aligns each test with specific business requirement. R001, for example, is to test whether weight of the box is valid. It offers a clear view of how each test is fulfilling a particular requirement. The linkage between tests and requirements makes sure the testing process is driven by business needs.

b. The function test matrix provides details about each test, including test case number, description, test date, expected result and pass/fail status. This ensures a deeper understanding of each test, making it easier to diagnose problems if anything goes wrong.

c.While the function test matrix provides detailed information about test data and test result, the final test report focuses on the execution aspect, including if bugs are fixed and tests are passed. Using both documents together provide a comprehensive view of the entire testing life cycle.

1. The function test matrix is generally used during planning and development stages of testing, while the test report is used in post-execution stage to assess test results. So, they serve different but complementary purposes.

2. 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?  
  
  
  
  
Our team worked very well on this testing project. The success can be credited to several key factors:

We broke down the project into small and manageable tasks and assigned them to individual team members based on their strengths and preferences. This clear division of tasks allow us to work more efficiently and ensure every aspect of the project requirement received the necessary attention.

We met with each other on the weekly basis, ensuring that every team member was on the same page. This regular communication helped us stay aligned with our goals and make necessary adjustments to our plans

Our team was committed to staying on track with the project timeline. By consistently reminding each other of outstanding tasks, we ensured that the project stayed on track.

The open communication and shared commitment to the project’s completion created a strong sense of trust among team members. This trust ensured us to rely on each other, contributing to the success of the project.

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?

Yes, our team reviewed outcomes from previous milestones to identify areas for improvement. In the recent development phase, our team faced a major challenge in developing the ‘findTruckForShipment’ and ‘getShortestRoute’ functions. The failure to develop these two core functions revealed there was room for improvement in our project execution. To enhance our performance, we need to thoroughly understand the requirements and the interactions between program functions. After realizing areas where we struggled, we redirected our focus on these struggling areas, leading to more efficient progress in the next milestone.

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?

Yes, we tested the code comprehensively to ensure that it worked correctly. By the end of our testing phase, all test had passed. This extensive testing led to the overall success of our project.