# **Milestone 6 Scrum Report**

All students are expected to attend the scrum meetings and to participate. Failure to do so will result in greatly reduced grades.

**GROUP**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Members Present**:

|  |  |
| --- | --- |
| 1. Mihyeon Park | 4.Manraj Singh |
| 2. Ana Masoumi | 5..Veronika Edith Turpo Meneses |
| 3. Hamzeh Khaled Nayef Muhiar | 6.Yashleen Brar |

## 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 4 days after your lab day:**

* Final testing report listing tests conducted, bugs fixed, and the final tests passed.
* Execute acceptance tests (results in Jira), and debug.
* Updated requirements traceability matrix stored in the repository.
* Completed scrum report including reflection questions answered.

**Rubric:**

|  |  |  |
| --- | --- | --- |
| **Individual** | Group participation (includes GitHub commits and Jira usage) | 80% |
| Teamwork | 20% |
| **Group** | Complete solution code running and executing successfully | 15% |
| Test execution (performed, results recorded, issues created) | 10% |
| Updated requirements traceability matrix | 5% |
| Final test report | 30% |
| Debugging (bugs fixed, documented, Jira updated) | 5% |
| Git usage (used properly with good structure) | 5% |
| Jira usage (creates issues, tracks progress) | 15% |
| Scrum report & reflections | 15% |
| **Deadline** | 20% deduction for each day you are late |  |

**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** |
| **Manraj Singh** | **conducted tests filled scrum report** | **N/A** |
| **Mihyeon Park** | **Wrote final report**  **Conducted tests for final test report, fixed some bugs in the code, filled scrum report** | **N/A** |
| **Yashleen Brar** | **Filled Scrum Report, did reflection questions** | **N/A** |
| **Ana Masoumi** | **conducted tests filled scrum report** | **N/A** |
| **Hamzeh Khaled Nayef Muhiar** | **Filled scrum report, helped in finding bugs in the main code and fixing them** | **N/A** |
| **Veronika Edith Turpo Meneses** | **-** | **-** |

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.

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| --- | --- | --- |
| Topic | Discussion Summary | Outcome |
| Final Report | **Discussed about conducting tests** | **Conducted and written** |
| Fixing Bugs | **Some bugs were fixed** | **Bugs Fixed** |
| Acceptance Testing | **Documented and executed** | **Done** |
| GitHub and Jira | **Updated and committed** | **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 |
| Prioritization of tasks | Equal amount of work assigned to each member of team. |
| Acceptance Testing | Conducting acceptance testing per requirements |
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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? |
| Manraj Singh, Hamzeh, Mihyeon Park, Yashleen Brar, Ana Masoumi | **Scrum Report** | **40min** | **Yes** |
| Mihyeon Park | **Final Report written** | **1hr 30min** | **Yes** |
| Manraj Singh, Mihyeon Park, Yashleen Brar, Ana Masoumi | **Acceptance Testing** | **1 hr** | **Yes** |
| Manraj Singh, Mihyeon Park, Yashleen Brar, Ana Masoumi | **Final Report conducted tests** | **30min** | **Yes** |
| Hamzeh, Mihyeon Park | **Fixed some bugs** | **1hr** | **Yes** |

**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 |
| ALL | Submitting final milestone |
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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 testing | **Executing acceptance test and fixing bugs** |
| Main code | **Fixing bugs** |
| Final Report | **Conducted tests and documented** |
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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 |
| SCRUM | **Filled** |
| GitHub | **Used for version control and repository management** |
| JIRA | **Track workflow and updating tasks** |
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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**:

Answer the following questions using your own words. Make sure that each answer comprises a minimum of 100 words.

1. Although we wrote a report on the testing that shows which tests were run, passed, or failed, we also updated the traceability matrix. What are the advantages of updating the traceability matrix in addition to writing the test report?  
   To ensure complete requirements coverage and better visibility, the test report around which the traceability matrix has been updated must be revised too. By identifying tested and accomplished specific requirements, it helps to detect faults. Also, the matrix helps with impact analysis by linking tests with requirements, which allows for fast evaluation in cases of modification. It makes sure that there are no ambiguities concerning compliance since it shows that all requirements have been met. Additionally, such a matrix promotes the management of projects through communication with stakeholders and making sure that there is uniformity and accuracy in deliveries. Ultimately, it reduces chances for missed specifications and provides comprehensive examination.
2. Teamwork on a project like this is vital to its success. How well did your team work together? If you worked well, what contributed to its success? If it did not work well, what contributed to the problems?  
   I think our team did well in the beginning of the project. Everyone contributed and it went well. I think clear communication, managing each task that were assigned and making sure everyone contributed and helping each other contributed to the success. However, as our team reached milestone 5, there was lack of communication and no updates on what some of our teammates were doing. Due to this, most of the parts of the project had to be done by fewer teammates when it could have been done more effectively and better if the distributed tasks were done on time evenly between all the members. Therefore, lack of communication and not being able to work on time by the deadline contributed to the problems.
3. In every milestone you were asked what worked and did not work along the way. Were you able to incorporate what you learned to improve your team’s performance on the next milestone? Did your team learn from their mistakes and improve? If so, why?

Yes, we did try to incorporate what worked and what did not work along the way. We tried to improve by updating Jira more often and communicating with our team members throughout the time we spent on the project. However, as time went on, it felt like a one-sided communication as some did not try to communicate or update on the progress at all. This led to requesting extensions several times as the work was not able to be done by the deadline or starting way too close to the deadline. We tried to improve and learn from the mistakes, but it seemed to be not so fruitful. However, we decided to work our best and try our best for the remaining milestones and did the best we could.

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 pass at the end? If so, what was the impact of this on the project?

All of our acceptance tests passed therefore, meets most of the requirements of the project. However, we had bugs in the code in some of the functions like checking for destination, checking for valid buildings with valid route, best route diversion which we were able to fix some but not all. Therefore, some of the integration tests did not pass and we were not able to fix this. As this did not pass, it affected with the shipment destination where the destination was not able to be recognized. This impacted the project as the project is mainly focused on delivering to the correct destination with the shortest diversion.