MILESTONE 6 -- SFT221 SCRUM Report and Reflection

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

GROUP: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Members Present:

|  |  |
| --- | --- |
| 1.Theo Oey | 4. |
| 2.Noah Abebe | 5. |
| 3.Arman | 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:  
Tasks Completed:

Ran acceptance tests.

Fixed remaining bugs found during acceptance testing.

Produced a testing report detailing all tests conducted, their results, and bug fixes.

Reviewed the test matrix to ensure every test has been performed and passed.

Testing Report:

| Function/acceptance/requirement | Test Run | Bugs Fixed | Passed |
| --- | --- | --- | --- |
| Distance | TF001 | Did not handle negative coordinates | ✓ |
| PossibleMoves | TF002 |  |  |
| AddRoute | TF003 | Route not added to map properly | ✓ |
| ShortestPath | TF004 | Incorrect path calculation |  |

Detailed Test Report:

Distance Function (TF001):

Bug: Did not handle negative coordinates.

Fix: Implemented handling for negative coordinates.

Result: Passed.

PossibleMoves Function (TF002):

Test Run: Pending.

Bugs Fixed: N/A.

Passed: N/A.

AddRoute Function (TF003):

Bug: Route not added to map properly.

Fix: Corrected logic for adding routes to the map.

Result: Passed.

ShortestPath Function(TF004):

Bug: Incorrect path calculation.

Fix: Adjusted algorithm to calculate paths correctly.

Result: Passed.

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 | 20% |
| 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) | 10% |
| 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:

| Member |  | Tasks Completed | Tasks Delayed/Blocked |
| --- | --- | --- | --- |
| Theo |  | Ran acceptance tests, fixed bugs | None |
| Noah |  | Produced testing report, reviewed matrix | None |
| Arman |  | Participatd in meeting |  |

Summary of Meeting:

During the meeting, we discussed the results of our acceptance tests, reviewed the testing report, and ensured all bugs were fixed. We also reviewed the test matrix to confirm that every test was performed and passed.

Summary of Decisions Made:

Decided to prioritize fixing bugs found during acceptance testing.

Agreed to review and finalize the testing report before submission.

Decided to ensure all tests in the matrix were completed and passed.

Tasks Attempted During Meeting:

| Member | Task Attempted | Time Spent | Complete? |
| --- | --- | --- | --- |
| Noah | Completed SCRUM report and reflections | 20 mins | Yes |
| Theo | Reviewed testing report | 15 mins | Yes |
| Theo | Updated requirements traceability matrix | 20 mins | Yes |
| Noah | Completed reflections and reviewed test matrix | 25 mins | Yes |

SCRUM Tasks Selected for Next Week:

| Group Member | Task Description |
| --- | --- |
| Noah | Execute acceptance tests and debugging |
| Theo | Finalize and submit the testing report |

Major Outcomes of Meeting:

All acceptance tests were successfully completed and bugs were fixed.

The testing report was produced, reviewed, and finalized.

The test matrix was reviewed to ensure all tests were performed and passed.

Things That Went Well in This Meeting:

Efficient collaboration and task delegation ensured timely completion of tasks.

Clear communication facilitated effective decision-making and problem-solving.

Things That Did NOT go Well in This Meeting:

No major issues were encountered during the meeting. However, we can improve by setting clearer timelines for task completion in future meetings.

Top of Form

Reflections:

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

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 of updating the function test matrix in addition to writing the test report are better documentation, able to debug match faster, it can have regression testing etc..

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?  
  
So teamwork in our group at least in our current group is going well. But there are still some issues regarding how the tasks are equally distributed. Since were only a few working on the project, we gave ourselves a huge chunk of tasks to lessen the burden.

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?  
  
  
Since there was a change of group team members, it was extremeliy hard to improve the teams performance on the next milestone. Nevertheless, with the few people left who are still working on the milestone we managed to incorporate what we learned from the previous milestone.

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 are still trying to figure out some test that failed. We are using many testing methods to do this.

The impact of this on the project is that we couldn’t produce the report as expected.