

Sprint-02 Review/Retrospective

Platform: Google Meet

Date: 26.02.2024

Time: 10pm - 10.30pm

Attendees:

1. Israt Jahan Eva
2. Simita Biswas
3. Sayma Akter Rupa
4. Mangsura Kabir Oni
5. Shifati Rabbi



Sprint-02 Details:

Sprint Duration: 6 Days

Date: 21.02.24 - 26.02.24

Assigned Tasks:

1. Performing one more function by each team member along with separating the previous function files completed in sprint-1.
2. Some of these functions are `home_page_design`, `add_money`, `create_dashboard`, `money_transfer`, `see_transaction_details` etc, each of which is assigned to individual team members in trello.

3. Performing unit testing on every function separately.
4. Merging all the functions that are previously pushed into individual's branch.
5. Performing 'Continuous Integration Testing' on the merged project.
6. Performing Test-Driven Development on the whole project and finding the coverage percentage.
7. Applying design patterns if necessary and fixing bugs.
8. Creating notes on documentation tools, unit testing tools, TDD and continuous integration testing tools that we used in our project.

Completed Tasks:

1. We solved all the bugs that we found after sprint-1.
2. We have developed our functions that were assigned for us and completed unit testing for each function.
3. Pushed these on github by creating individual branches.
4. After completing the unit testing, we merged our functions, fixed the bugs and completed integration testing for our project.
5. We have also done TDD(Test Driven Development) for our project and created a coverage report. And here we used pytest(python) testing framework.
6. Then we created our project documentation using the documentation tool "Sphinx".

Limitations:

1. After performing the Integration testing, we found 5 failures and 4 errors and almost 15 cases are ok.
2. Performed Continuous Integration on the merged project instead of applying on individual part.

3. Couldn't apply design patterns in all cases.
4. We also encountered some errors while performing the TDD and we achieved a total coverage that is not 100%.
5. We have some functions that still remain to be implemented.