Individual Report on your experience in the CS7CS3 Group Project

Group: 5

Roman Shaikh

THIS REPORT IS ENTIRELY CONFIDENTIAL.

This report is intended for you to:
- provide a personal reflection on the overall success (or otherwise) of the group project
- evaluate your own contribution within the team
- evaluate the contribution of your team-mates
- indicate what you have learned from the experience

1. Personal Reflection

How successful do you think your project was?

The project met every requirement specified in the problem statement. We have tried to follow each and every step of a software development lifecycle throughout. All the code quality assurance practices were followed thoroughly. In the end, we had a completely working software usually live in production.

Are there any changes your team could have made to improve the chances for success?

If the team had invested more time in learning the framework, it would have been proved to be beneficial in the future, where we had some very time-consuming caveats. A better time should have been spent on first designing the system architecture first.
CI/CD techniques could have been implemented in the project for faster deployment and collaborations.

Are there any changes the CS7049 lecturer could have made to improve the chances for success?

Problem statements given were very broad with limited client feedback as we get in the real world, this could have been improved for example peer review techniques. Also, Though XP principals are very good, other SDLC methodologies could have been explored and could have been given as an option to the students.

In hindsight, would a different software process have suited your team better? If so, why?

For more stiff and predefined projects like this, i.e. no change is introduced in between a more traditional approach could help. Or for utilizing the XP principles fully, a requirement change can be introduced in between the lifecycle (say after 3 weeks).

Any other comments

Overall the module was very good in making students understand the SDLC processes. I have enjoyed studying this module the most.

2. Evaluation of Your Contribution

Technical

Having previously worked a bit on professional projects, I had a bit of an idea on SDLC. My contributions include working on Dublin Bikes API and doing major refactorings in the code. Deciding Django architecture modules use in the framework. Also, I was involved in server administration decisions and deploying the app on AWS. I was also doing the database administration tasks.

Management/Process

Lead the team discussions and allocating the work to every pair.

Morale

Organized a team dinner for the team as a team building activity. Which helped everyone connect and get to know each other better.

Any other comments

NA

3. Peer Review of your Team-Mates' Contributions

Bhavesh Mayekar

Technical

His strong knowledge in server management helped us a lot in deciding on performance related questions.

Management/Process

Was always on time for the meetings and would deliver the work assigned promptly.

Morale

Always keeps calm and quiet, could help by providing more inputs in the decisions.

Any other comments

NA

Aman Ray

Technical

Good in programming so has helped in developing good logic for the problem. Sometimes could get stuck at a particular problem and would spend too much time.

Management/ Process

Good in decision making so would make proper decisions every time the team or a pair got stuck at some point.

Morale

Very enthusiastic and would always love to aim higher.

Any other comments

NA

Udita Retharekar

Technical

Highly skilled in UI and frontend development, she has contributed to the UI components majorly.

Management/ Process

Good at resolving conflicts and was very helpful when there was some conflict between the pair. Also helped in planning sprints for the process.

Morale

Very good in boosting the team. She would sense if anything is wrong between a pair and would resolve the problem proactively.

Any other comments

NA

Lal Singh Dahlia

Technical

Knowledgeable in testing field, therefore he has helped in designing very good test cases. Would help in testing manually if the component was not in the testing framework. Data analysis and Machine learning were also his strong traits.

Management/ Process

Was attentive and would provide proper inputs in a team discussion.

Morale

Good sense of humor helped in keeping the environment light and healthy. Would often bring food for the team. 😊

Any other comments

NA

Ashutosh Sharma

Technical

He is an expert in SQL and Tablu technologies which has helped in developing the front-end UI and Data analysis part.

Management/ Process

Proactively would help in planning team activities. A very good sense of management and therefore was often led the team discussions to a conclusion.

Morale

Could help if he could listen to the team input more often. He was often too optimistic about the targets.

Any other comments

NA

4. Lessons Learned

Proper planning could help us save a lot of time in the beginning.
I was very skeptical about the extreme programming approach in the beginning, but after practicing I have come to like it. I would suggest to every developer to try it once.
Often working in a team of people with various backgrounds increases the knowledge of the whole team.