Course Registration System Project Report

Muhammad Bilal Zahid Khan

May 26, 2023

1 Introduction

The project started on May 23, 2023, with the following objectives:

- Implement the required changes for re-engineering.
- Design and create sprints in Jira to track the project progress.
- Add meaningful comments in the project code to improve code readability.
- Update the project documentation in Overleaf.
- Upload the changes to GitHub and update the changelog.
- Update the project GitHub page using the WIKI tab.

2 Sprint Overview

The new sprint, named "Re-Engineering Sprint," is designed to address the following changes and improvements based on the concept of re-engineering from section 4.2.2:

2.1 Adding Meaningful Comments

The following classes were selected for adding multiline meaningful comments and single comments for functions:

- 1. Admin.java (Figure 1)
- 2. Student.java (Figure 2)
- 3. crsMain.java (Figure 3)

2.2 Updating Sprint Backlog

The sprint backlog was updated with the new sprints named "CRS updated Admin" and "CRS updated Students." Different issues were assigned to Assignee: Kainat Naeem and Shahzaib Jameel, with Muhammad Bilal Zahid Khan as the Team Leader (Figure 4).

2.3 Updating GitHub Repository

To update the GitHub repository, the following steps were performed:

- 1. Cloned the repository.
- 2. Added multiline and single comments in the respective classes.
- 3. Committed and synced the changes (Figure 5).

2.4 Updating Overleaf Document

The Overleaf document was updated to reflect the changes made in the project. This report includes the details of the re-engineering sprint, updated sprint backlog, and GitHub repository. Please see the Overleaf document for the complete information.

2.5 Updating Project GitHub Page

The project GitHub page was updated using the WIKI tab. It now includes information about Assignment 1 and Assignment 2, along with the names of the group members involved in the project (Figure 6).

3 Conclusion

The Re-Engineering Sprint has been successfully executed, incorporating necessary changes and improvements based on the concept of re-engineering. The project documentation in Overleaf, as well as the GitHub repository and page, have been updated accordingly.

4 Screenshots for References

- Figure 1: Admin Class (Admin.JPG)
- Figure 2: Student Class (Student.JPG)
- Figure 3: crsMain Class (crsMain.JPG)
- Figure 4: Jira Sprint Backlog (jira.png)
- Figure 5: GitHub Repository (github.png)
- Figure 6: GitHub Project Wiki (wiki.png)

```
| The lost become view to Run Terminal Help | Administrator in the Course Registration System. | Description | Des
```

Figure 1: Admin Class

Figure 2: Student Class

Figure 3: crsMain Class

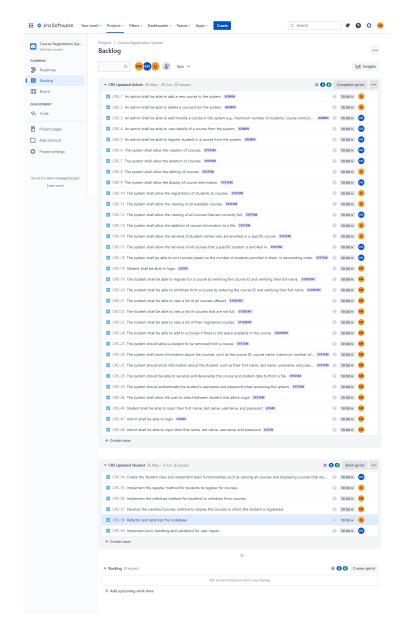


Figure 4: Jira Sprint Backlog

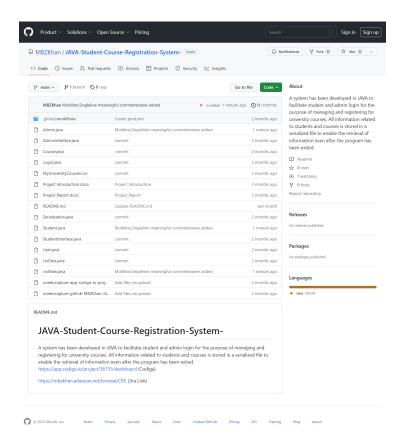


Figure 5: GitHub Repository

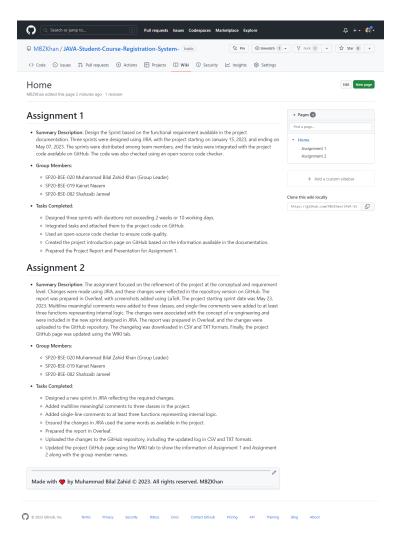


Figure 6: GitHub Project Wiki

5 Group Members

The following group members were involved in the project:

- SP20-BSE-020 Muhammad Bilal Zahid Khan (Group Leader)
- SP20-BSE-019 Kainat Naeem
- SP20-BSE-082 Shahzaib Jameel

6 References

- JIRA Link: https://mbzkhan.atlassian.net/jira/software/projects/CRS/boards/1/backlog
- $\bullet \ \, GitHub\,Link:\, https://github.com/MBZKhan/JAVA-Student-Course-Registration-System-Link:\, https://github.com/MBZKha$
- Wiki Link: https://github.com/MBZKhan/JAVA-Student-Course-Registration-System-/wiki