

Assignment 2

TSE

May 26, 2023

Table 1: Submitted by

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1 Introduction

Introduction:

The Course Registration Management System is a software application designed to streamline the process of managing course registrations for educational institutions. This system allows students to easily browse available courses, enroll in their desired courses, and manage their course schedules. It also provides administrators with tools to oversee course offerings, track student enrollment, and generate reports.

In this assignment, our task is to enhance the Course Registration Management System by integrating it with GitHub version control. GitHub is a widely used platform for collaborative software development, offering features such as code repositories, issue tracking, and version history. By leveraging GitHub, we can introduce efficient change management and collaboration capabilities to our system.

The primary goal of this assignment is to implement a seamless workflow where changes made to the Course Registration Management System are tracked and managed using Git version control and stored in a GitHub repository. This allows for better code organization, easier collaboration among team members, and improved tracking of modifications made to the system.

To achieve this, we will configure our local development environment to synchronize with the GitHub repository. This involves setting up Git on our machines, establishing a connection to the GitHub repository, and defining a workflow for making changes, committing them, and pushing them to the remote repository.

Throughout the assignment, we will focus on incorporating best practices for version control, such as creating branches for new features or bug fixes, committing changes with descriptive messages, and following a pull request-based workflow for code reviews and merging changes into the main branch.

By integrating GitHub into our Course Registration Management System, we aim to enhance the development process, foster collaboration among team members, and ensure a well-documented history of changes. This assignment will provide valuable experience in utilizing version control tools effectively and preparing students for real-world software development practices.

Now, let's delve into the implementation details and explore how we can incorporate GitHub changes into our repository for the Course Registration Management System.

2 Crating Sprint

Create a new Sprint and add create issue.

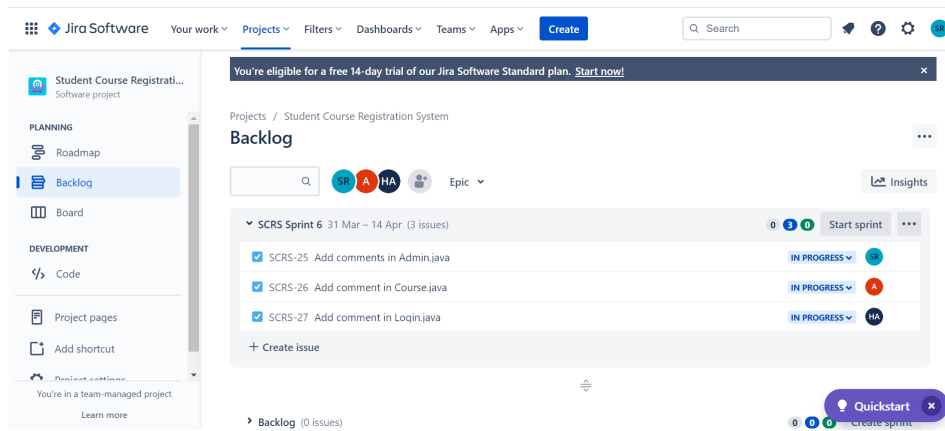


Figure 1: Sprint

3 Github Repositry Link

Please visit the GitHub at <https://github.com/Hafiz-Azam/TSE-1> .

4 ChangeLog Commands

1. git clone <https://github.com/Hafiz-Azam/TSE-1>.git
2. cd TSE-1
3. git log --pretty=format:"%-
4. type changelog.txt

4.1 Screen Shot of Change Log

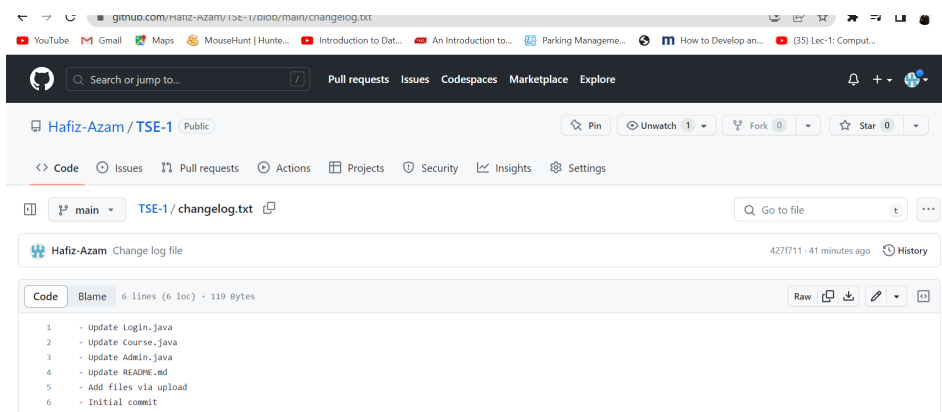


Figure 2: Change Log