

# CSE5325-005

## Bonus Class Assignment: Software Tools and Practices

TEAM 11

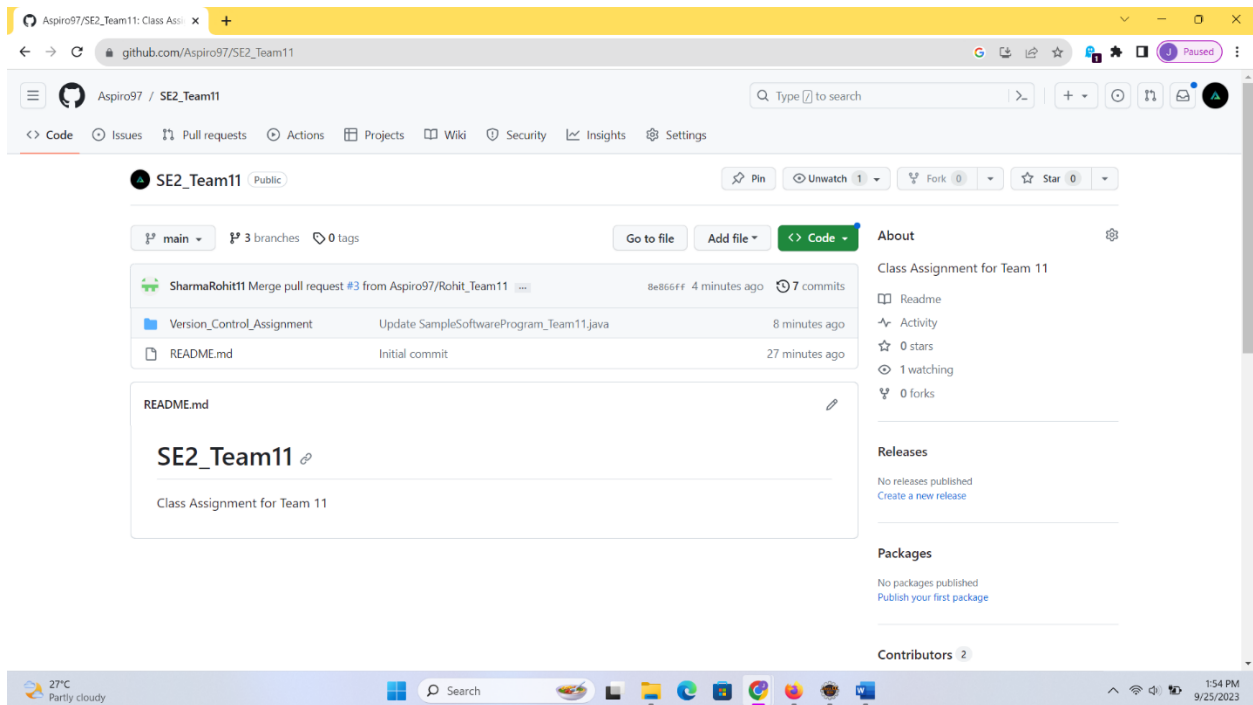
Rohit Sharma (1002167374)

Akarsh Jana (1002124308)

### Version Control:

#### 1. Repository Setup-

Repository "SE2\_Team11" Created.



## Initial Commit Done:

The screenshot shows a GitHub commit page for the repository 'Aspiro97 / SE2\_Team11'. The commit is titled 'Initial commit' and is on the 'main' branch. It was committed 27 minutes ago by 'Aspiro97' and is verified. The commit hash is 'dccc9f9'. The commit message is '1 + # SE2\_Team11' and '2 + Class Assignment for Team 11'. The commit shows 2 additions and 0 deletions. The file 'README.md' is shown with the following content: '1 + # SE2\_Team11' and '2 + Class Assignment for Team 11'. The commit is the first of 0 comments. The page includes a 'Write' section for comments and a 'Preview' section. The bottom of the page shows a Windows taskbar with the date and time '1:54 PM 9/25/2023'.

## 2. Branching and Merging:

### Different branches Created.

The screenshot shows a GitHub repository page for 'SE2\_Team11'. The repository is public and has 3 branches and 0 tags. The branches are 'main', 'Akarsh\_Team11', and 'Rohit\_Team11'. The 'main' branch is the default. The repository has 7 commits. The commit history shows: 'Initial commit' (29 minutes ago), 'Update SampleSoftwareProgram\_Team11.java' (10 minutes ago), and 'im Aspiro97/Rohit\_Team11' (7 minutes ago). The repository has 0 stars, 1 watching, and 0 forks. The repository has no releases published and no packages published. The bottom of the page shows a Windows taskbar with the date and time '1:56 PM 9/25/2023'.

## Code changes done into Branch "Akarsh\_Team11"

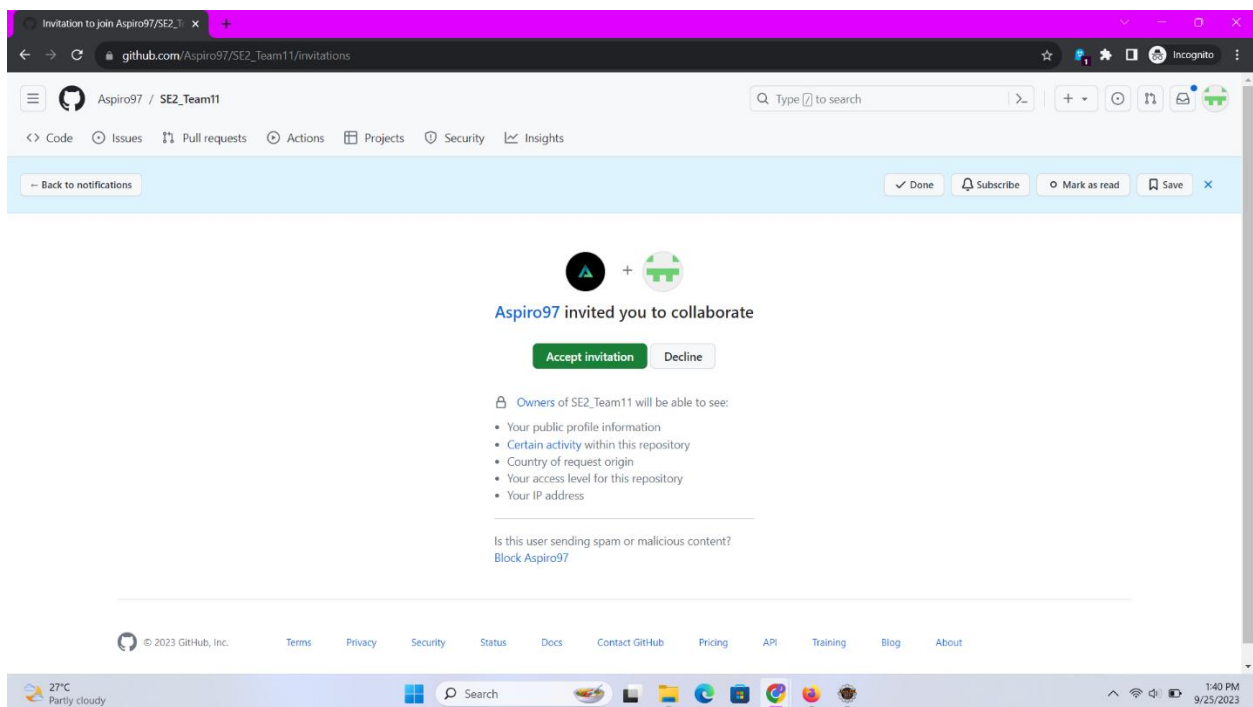
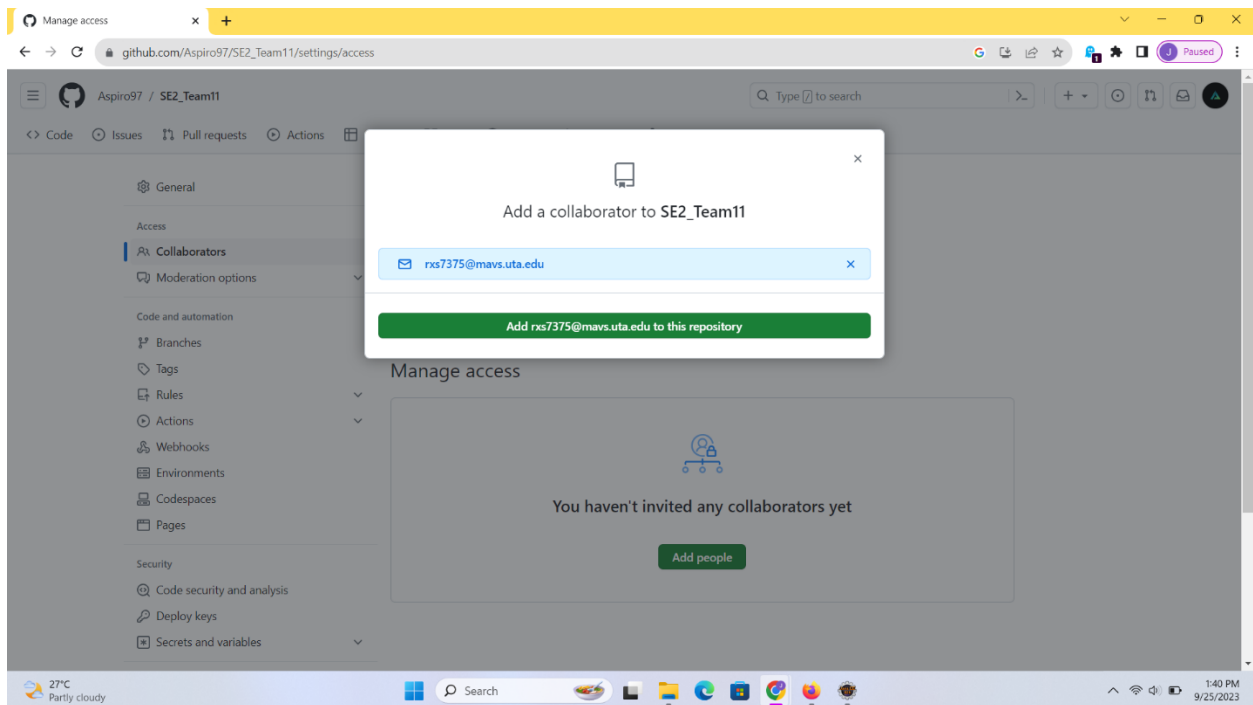
The screenshot shows a GitHub commit page for the branch "Akarsh\_Team11". The commit message is "Master branch upload". The commit was made by "Aspiro97" 25 minutes ago. The commit hash is "6eec5b26ff95e89b07d258406c07239aa356d0b". The commit shows 2 changed files with 8 additions and 0 deletions. The files are "Version\_Control\_Assignment/bin/SampleSoftwareProgram\_Team11.class" and "Version\_Control\_Assignment/src/SampleSoftwareProgram\_Team11.java". The code for "SampleSoftwareProgram\_Team11.java" is displayed, showing a public class "SampleSoftwareProgram\_Team11" with a main method that prints "Hello World".

## Changes Merged to "main" branch using Pull Request (Merging).

The screenshot shows a GitHub pull request page for the branch "Akarsh\_Team11" merged into the "main" branch. The pull request is titled "Merge request from branch 'Akarsh\_Team11' to 'main' #1". The pull request was merged by "Aspiro97" 23 minutes ago. The pull request shows 1 commit and 1 file changed. The commit message is "Updated Code to print". The pull request is successfully merged and closed. The pull request is titled "Pull request successfully merged and closed". The pull request shows that the "Akarsh\_Team11" branch can be safely deleted.

### 3. Collaboration.

Teammate invited for collaboration onto the repository.



## Teammates branch – “Rohit\_Team11”

## Code changes done into branch “Rohit\_Team11”

This screenshot shows a GitHub pull request titled "Rohit team11 #3". The pull request is open, and the user "SharmaRohit11" wants to merge 2 commits into the "main" branch from the "Rohit\_Team11" branch. The pull request is associated with the repository "Aspiro97 / SE2\_Team11". The code changes section shows a diff for the file "Version\_Control\_Assignment/src/SampleSoftwareProgram\_Team11.java". The diff shows two lines added (lines 7 and 8) and one line removed (line 6). The code is as follows:

```
@@ -4,5 +4,6 @@ public class SampleSoftwareProgram_Team11 {  
4 4      public static void main(String[] args)  
5 5      {  
6 6          System.out.println("Hello World (Akash Branch)");  
7 7 +      System.out.println("Hello World (Rohit Branch)");  
8 8      }  
9 9  }
```

The bottom of the page shows the GitHub footer with links to Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.

This screenshot shows the same GitHub pull request titled "Rohit team11 #3". The pull request is still open, but the status has changed to "Review required". The pull request is associated with the repository "Aspiro97 / SE2\_Team11". The code changes section shows a diff for the file "Version\_Control\_Assignment/src/SampleSoftwareProgram\_Team11.java". The diff shows two lines added (lines 7 and 8) and one line removed (line 6). The code is as follows:

```
@@ -4,5 +4,6 @@ public class SampleSoftwareProgram_Team11 {  
4 4      public static void main(String[] args)  
5 5      {  
6 6          System.out.println("Hello World (Akash Branch)");  
7 7 +      System.out.println("Hello World (Rohit Branch)");  
8 8      }  
9 9  }
```

The bottom of the page shows the GitHub footer with links to Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.

## Requesting Code Review from Owner:

The screenshot shows a GitHub pull request interface for a repository named 'Aspiro97 / SE2\_Team11'. The pull request is titled 'Rohit team11 #3' and is in the 'Open' state. It shows that 'SharmaRohit11' wants to merge 2 commits into the 'main' branch from the 'Rohit\_Team11' branch. The pull request details include a conversation tab with a comment from 'SharmaRohit11' stating 'Merging code changes to Master branch(main)'. The commit history shows two commits: 'Merge pull request #2 from Aspiro97/main' and 'Update SampleSoftwareProgram\_Team11.java', both marked as 'Verified'. The right sidebar shows the 'Reviewers' section with 'Aspiro97' listed as the owner, and a message stating 'At least 1 approving review is required to merge this pull request.' The 'Assignees' section is empty, and the 'Labels' and 'Projects' sections are also empty. The bottom of the screen shows a Windows taskbar with the date and time as 1:47 PM on 9/25/2023.

SharmaRohit11 requested your review on this pull request. [Add your review](#)

### Rohit team11 #3

[Open](#) SharmaRohit11 wants to merge 2 commits into `main` from `Rohit_Team11`

Conversation 0 Commits 2 Checks 0 Files changed 1 +1 -0

SharmaRohit11 commented now Collaborator

Merging code changes to Master branch(main)

SharmaRohit11 added 2 commits 2 minutes ago

- Merge pull request #2 from Aspiro97/main Verified f468f24
- Update SampleSoftwareProgram\_Team11.java Verified 73a9fc2

SharmaRohit11 requested a review from Aspiro97 now

Add more commits by pushing to the `Rohit_Team11` branch on `Aspiro97/SE2_Team11`

**Reviewers**

Aspiro97

At least 1 approving review is required to merge this pull request.

Still in progress? Convert to draft

**Assignees**

No one—assign yourself

**Labels**

None yet

**Projects**

None yet

## Adding Review and comments:

The screenshot displays a GitHub pull request for 'Rohit team11 #3' by user 'SharmaRohit11'. The pull request is open and shows a review by 'Aspiro97' with the comment 'Looks Good!'. The code diff shows changes to 'Version\_Control\_Assignment/src/SampleSoftwareProgram\_Team11.java', with a new line added (line 7) that prints 'Hello World (Rohit Branch)'. The interface includes navigation tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The bottom of the image shows a Windows taskbar with the date 9/25/2023 and time 1:48 PM.

Rohit team11 #3

SharmaRohit11 wants to merge 2 commits into main from Rohit\_Team11

Conversation 0 Commits 2 Checks 0 Files changed 1

Changes from all commits File filter Conversations Jump to

0 / 1 files viewed Review in codespace Review changes 1

Version\_Control\_Assignment/src/SampleSoftwareProgram\_Team11.java

Aspiro97 (Pending) Owner ...

Looks Good!

Reply...

```
@@ -4,5 +4,6 @@ public class SampleSoftwareProgram_Team11 {
4 4      public static void main(String[] args)
5 5      {
6 6          System.out.println("Hello World (Akarsh Branch)");
7 7 +         System.out.println("Hello World (Rohit Branch)");
7 8      }
8 9  }
```

## Review Done and now merging changes from branch "Rohit\_Team11"

The screenshot shows a GitHub pull request titled "Pull from Master #2" by user SharmaRohit11. The pull request is open and shows 2 commits being merged into the main branch. The commits are:

- Update SampleSoftwareProgram\_Team11.java (Verified, 630fba7)
- Merge pull request #1 from Aspiro97/Akarsh\_Team11 (Verified, 53a87a5)

A green checkmark indicates that the branch has no conflicts with the base branch, and merging can be performed automatically. A "Merge pull request" button is visible. The right sidebar shows various settings for the pull request, including Reviewers, Assignees, Labels, Projects, Milestone, and Development. The bottom of the screen shows a Windows taskbar with the date and time as 1:45 PM on 9/25/2023.