

Sprint Details:

- Sprint 01: Includes Task 01, Task 04, Task 09 (Changes: a + b)
- Sprint 02: Includes Task 01, Task 04, Task 09 (Changes: a + c)

Final Tag: SBI_R_2.0 (Changes: a + b + c)

3. Git Command Reference

3.1 Basic Git Operations

- Create Branch: `git checkout -b <branch_name>`
- Switch Branch: `git checkout <branch_name>`
- Merge Branch: `git merge <branch_name>`

3.2 Clone & Setup

`git clone <repo_url> apache2_test_project`

3.3 View Commit History

`git log`

3.4 .git Folder Structure

- .git contains:
 - hooks/, info/, logs/, objects/, refs/
 - config, HEAD, description, index

4. Git Workflow Examples

4.1 Create and Push UAT Branch

```
git checkout -b UAT
git touch fileuat
git add .
git commit -m "committed by UAT"
git push -u origin UAT
```

4.2 Create and Push SIT Branch

```
git checkout -b SIT
touch filesit
git add .
git commit -m "Added sitfile"
```

```
git push -u origin SIT
```

4.3 Create Sprint Branch from SIT

```
git checkout SIT  
git checkout -b sprint01  
touch sprintfile01  
git add .  
git commit -m "Created branch and added file"  
git push -u origin sprint01
```

4.4 Merge Sprint Branches into SIT

```
git checkout SIT  
git merge sprint01  
git push -u origin SIT
```

```
git merge sprint02  
git push -u origin SIT
```

4.5 Merge SIT into UAT

```
git checkout UAT  
git merge SIT  
git push -u origin UAT
```

4.6 Merge UAT into Main

```
git checkout main  
git merge UAT  
git push
```