Milestone 1b

Deployment Engineer

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**Link to Git Repository** - <https://github.com/Soorxa/Group3Project>

**Coordinate Merge changes**

* To coordinate merging code changes from the multiple developers would consist of the steps of merging the branches together. Using Git clone, I will be able to create a local copy of the repository. Using Git add I will stage the documentation files, using git commit I will be able to commit the changes locally, and finally using git push I will push the changes into the GitHub repository.
* Each developer from the group will create a git branch, and utilize git pull to have regular changes to the main branch.

**Main use of GitHub, as Deployment Engineer & as team**

* My team will leverage github for version control and collaboration. As the deployment process, I will allow my team members to push changes to the main repository. As the deployment engineer, I would control the integration environment. Which that I will be able to migrate changes through the GitHub repository. When the changes are made I would merge them into the main branch. The changes here will be migrated into the integration environment when there is a successful merge to the main branch. As for Git capabilities, I would leverage the Git push, to be able to send the changes to the repository, where I will use Git pull to get the latest changes. Git merge will be used to integrate changes and I will use Git Branch to create and manage the feature branches.

**Leveraging Git Capabilities & team version control through PyCharm**

* Leveraging the Git capabilities gives me the opportunity to combine all given process’s of each individual in my team. Allowing better collaborative work, easy integration changes, and version control. I will be integrating team version control through PyCharm by using GitHub repository to merge code. Using this process fo GitHubs repository, the codes will be merged and accessed through PyCharm. This is because using PyCharm my team members can use Git integration of clone to clone the repository, to create and switch between the branches, to commit changes, and to be able to create pull requests directly from the IDE.