**Team B - Ekathra**

**GITHUB DOCUMENT**

This documents helps the members with the github accessing.

**Create a GitHub account:**

Step 1: Visit the GitHub web site <https://github.com/>

# Step 2: Create an account

# Click the green **Sign Up for GitHub** button (it's about halfway down the page)

Enter a username, your email address and a password.

Step 3: Select a plan

GitHub provides several levels of account plans but you can create unlimited public repositories with a free plan so for now, you can select that one. Hit **Finish sign up**.

**Create a repository in GitHub:**

Step 1: In the upper-right corner of any page, click +, and then click **New repository**.

Step 2: Create a short, memorable name for your repository.

Step 3: Choose between creating a publicorprivate repository.

**We will select Public** repositories because the project is visible to any user on GitHub.

Step 4: Select **initialize this repository with a README**.

Step 5: Click **Create repository**.

**Invite the members to access the repository.**

Step 1: Under your repository name, click Settings.

Step 2: In the left sidebar, click **Collaborators**.

Step 3: Under "Collaborators", start typing the collaborator's username.

Step 4: Select the collaborator's username from the drop-down menu.

Step 5: Click **Add collaborator**.

The user will receive an email inviting them to the repository. Once they accept your invitation, they will have [collaborator access](https://help.github.com/articles/permission-levels-for-a-user-account-repository/#collaborator-access-on-a-repository-owned-by-a-user-account) to your repository.

**Clone the repository**

Step 1: On GitHub, navigate to the main page of the repository.

Step 2: Under your repository name, click **Clone or download**.

Step 3: In the Clone with HTTPs section, click to copy the clone URL for the repository.

Step 4: Open Git Bash.

Step 5: Change the current working directory to the location where you want the cloned directory to be made.

Step 6: Type git clone, and then paste the URL you copied in Step 2.

Step 7: Press **Enter**. Your local clone will be created.

**Pull request to repository**

Step 1: In the "Branch" menu, choose the branch that contains your commits.

Step 2: To the right of the Branch menu, click **New pull request**.

Step 3: Use the base branch dropdown menu to select the branch you'd like to merge your changes into, then use the compare branch drop-down menu to choose the topic branch you made your changes in.

Step 4: Type a title and description for your pull request.

Step 5: Click **Create pull request**.

**Push request to repository**

Step 1: Open Git Bash.

Step 2: Change the current working directory to your local repository.

Step 3: Stage the file for commit to your local repository. Use “git add”.

Step 4: Commit the file that you've staged in your local repository. Use “git commit –m “Add existing file””.

Step 5: [Push the changes](https://help.github.com/articles/pushing-to-a-remote) in your local repository to GitHub. Use “git push origin your-branch”.

Here is the link to access repository: <https://github.com/SahilNokhwal/TrafficModelingSystem.git>

Here is the link to access drive:

<https://drive.google.com/drive/u/0/folders/0B03dSj-33yKITi1rR0N5dHN2b1U>