**TIPS FOR STARTING WITH GITHUB**

*Written by Aashrith Saraswathibhatla, 5/7/2020*

**0. What is GitHub?**

* GitHub is a software platform that provide various functionalities in the process of code development across a team.
* One of many functionalities is to keep track of changes in a code made by any member in the team.
* In our lab, we use programs (Matlab or text files) which needs

*Scenario 1: Start a new code*

* Make local repository (folder) (ex: TFM\_RUN\_FILES)
* Add local repository to your github online
* Clone files from the source

**Scenario 2: Pull an existing code and make changes**

**1. Setting up a GitHub account**

**2. Drawing stuff**

**4. Aligning and centering**

**5. Putting vector based files into your ai document**

**6. Putting an image in your ai document**

**7. Other things that Illustrator can do**

**TIPS FOR USING GITHUB**

*Aashrith Saraswathibhatla, 05-05-2020*

**What is github and why we need it:**

1. GitHub is a software platform to build various functionalities during a code development.
2. Keep track of changes in source codes
3. Frequently, we write a lot of Matlab programs that may have different versions based on your experimental conditions or images or

* A git project keeps
* Source code – when collaborated across a groui

Git push

Git pull

Git add

Git clone – copies material from GitHub

User 1 – source

User 2 – user

User 3

- Git status – difference between online repository and local

- Git add

- Git commit –m “make your comments”

- Git push

- Git pull

How do you go back to previous version?

Two scenarios:

1. adding a new code
2. Making changes to an existing code