WEEK ONE GOALS: Setup your Environment

Step 1: Download and install Android Studio from here: http://developer.android.com/sdk/index.html

- Components To Install:
  - Android Studio
  - Android SDK
  - Android Virtual Device (Optional if you want to use Emulator. I recommend to install it for debugging purposes. Frequent compilation on a physical phone may permanently reduce space of your phone's hard drive).
- Play around with IDE, and build your first "Hello world" for android.

Step 2: Installing Smart Git.

During our project I would like us to use Smart Git application to control repositories. It's a very powerful tool with intuitive user interface. It is very easy to learn and extremely useful for the scope of our project.
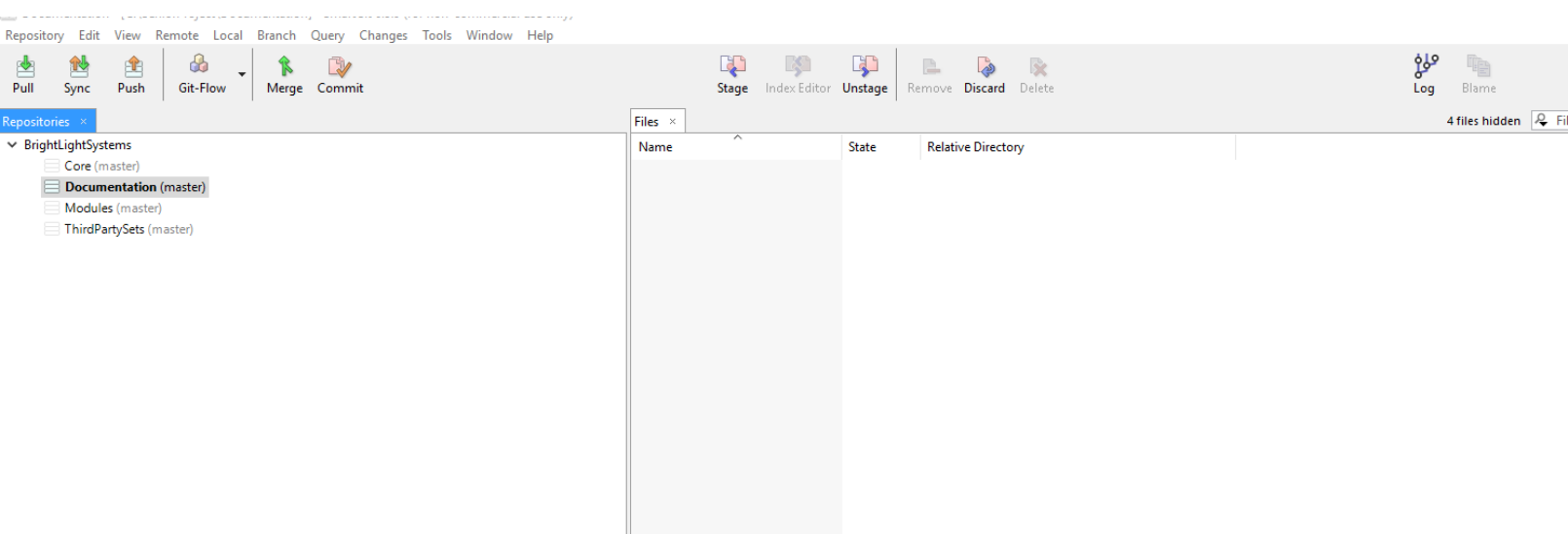
Setting up Smart Git:

Download Smart Git installer from here: http://www.syntevo.com/smartgit/download

1. Install it into desired directory (I used default settings for installation) and then launch the application.
2. In the Setup Smart Git window, check that you agree to all terms of the license agreement and then select non-commercial use option; click next. In pop-up window confirm non-commercial usage of the product.
3. Click use SmartGit as SSH client.
4. Enter your user information.
5. In Hosting Providers select GitHub in combo box enter: **mgulenko** for the account name and then press Generate Token. In prompted window create your master password, and then enter: **gintonic23** for the GitHub account password.
6. Do not select any directories for the repositories yet.
7. If you want to be a valuable member of community☺, you can check automatically send crash reports.

Step 3: Creating directory structure and cloning from GitHub

1. On your local Drive create SeniorProject folder. Inside of that folder create following 4 folders: Core, Documentation, Modules, ThirdPartySets.
2. Open Smart Git. Click on the menu: Repository->Clone...
3. In the Dialog next to Repository URL combo box click on the drop down arrow and select github.com
4. Select mgulenko/Core from the appeared list of projects, press next.
5. Check Include Submodules and Fetch all Heads and Tags check boxes, press next.
6. Select created earlier SeniorProject\Core folder on your local machine, press finish.
7. Repeat 3-7 for Documentation, Modules, and ThirdPartySets
8. Cloned repositories will appear on the left side of the main window of Smart Git.

In order to pull from GitHub, select desired repository by double clicking on it in the list and then press Pull button on the tollbar. Whenever you push changes, please commit them first and leave an appropriate comment about your changes, and only then push.

Right now each repository contains readme file which briefly describes what is going to go in it. Documentation repository also contains some of system design documents. More documents are going to be added to it during upcoming week. We are going to work with that repository extensively during next 4 weeks so please read what's in their before next Friday.

Also if you have some ideas for technology to use, or tool or whatever else that you think can be helpful during the project let me know.

Michael