RMIT UNIVERSITY

SEPT 2299 Week 2 Tutorial

In this session:

- You will know who your tutor is. Please make sure that you know your tutor's name and contact information, and consultation sessions.
- You will learn and practice Git which essential to start the assignment and your Gitflow and activity has marks towards the assignment
- You will form your group for the assignment

Part A: Git

1. **How to setup Git (20 minutes)**

Your tutor is going to demonstrate how to use Git on your local machine and how to make an account on Github and associate your local Git to your Github account. Alternatively, you can read about the Git Basic Commands in here. You can also read more about Github setup and configuration in here. Then you can setup your local Git repository in next 15 minutes.

2. **Setup your local repo and associate that to your Github account and practice Git commands (20 minutes)**

- If you have Mac/Linux machine and open Terminal, then type "Git –version"
- If you Windows machine, you need to download the GitBash from here and install on your machine.
- Open your cmd/terminal and type "mkdir TestGit"
- Go the created directory and setup your Git directory by typing "git init"
- You have setup your git account based on your Github username and email.

```
git config --global user.name "[firstname lastname]"
```

```
git config --global user.email "[valid-email]"
```

These commands set a name and email that is identifiable for credit when review version history.

Now you can clone or start your code here from scratch and then push it into your Git remote server (Github).

Practice Git commands such as git status, branch, checkout, add, commit and push.

What will you do you if you want to rollback your changes on your local repository? What is the command?

3. LAB Exercise # 1 Detail (20 minutes):

Here you are going to practice a scenario, similar to your assignment.

- Clone this project https://github.com/Homy1/SEPTVT.git
- Make a new project on your machine and add the downloaded code
- Make a repository for yourself on Gihub (The name is not important)
- Transfer your code to Github
- Add a feature branch for adding your changes to the project
- Add lab1.txt to the correspondent branch on your local and global Git repository
- Demo your work to your instructor, explain your progress

You have 20 minutes to complete.

Part B: Assignment Group Registration, Setup communication and management tools and first meeting with the tutor (40 minutes)

- Pleas check this tutorial to learn how to work with Jira

You must register your assignments group as soon as possible through this form.
If you will be late then you cannot start your assignment 1 on time so we recommend you form your team as early as possible.

Team/groups Requirements:

- All member must come to the same T/L session until the end of the semester, please try to have a team in the same class.
- Try to have a cross functional team, this is not a one-man project and team members contribution will be monitored through the semester by your tutor.
- Exchange contact information with your teammates. Setup your slack for internal communication.
- Setup Trello for the task and project management.
- You will have progress check and Scrum meeting every week from next week, and you may lose individual contribution mark for being absent in the meeting.
- Please communicate with your tutor if you have any question.
- All enquiries about changing teams or classes must be negotiated with tutors and head tutor by sending an email and cc your tutor and the head tutor.

Make sure that you have your first group meeting with your tutor, introduce your team to your tutor, explain your team cross functional skills and discuss about your goals towards this course.