

# **ETHERA**

## Multifaceted Student Industrial Placement System

### Progress Presentation - I



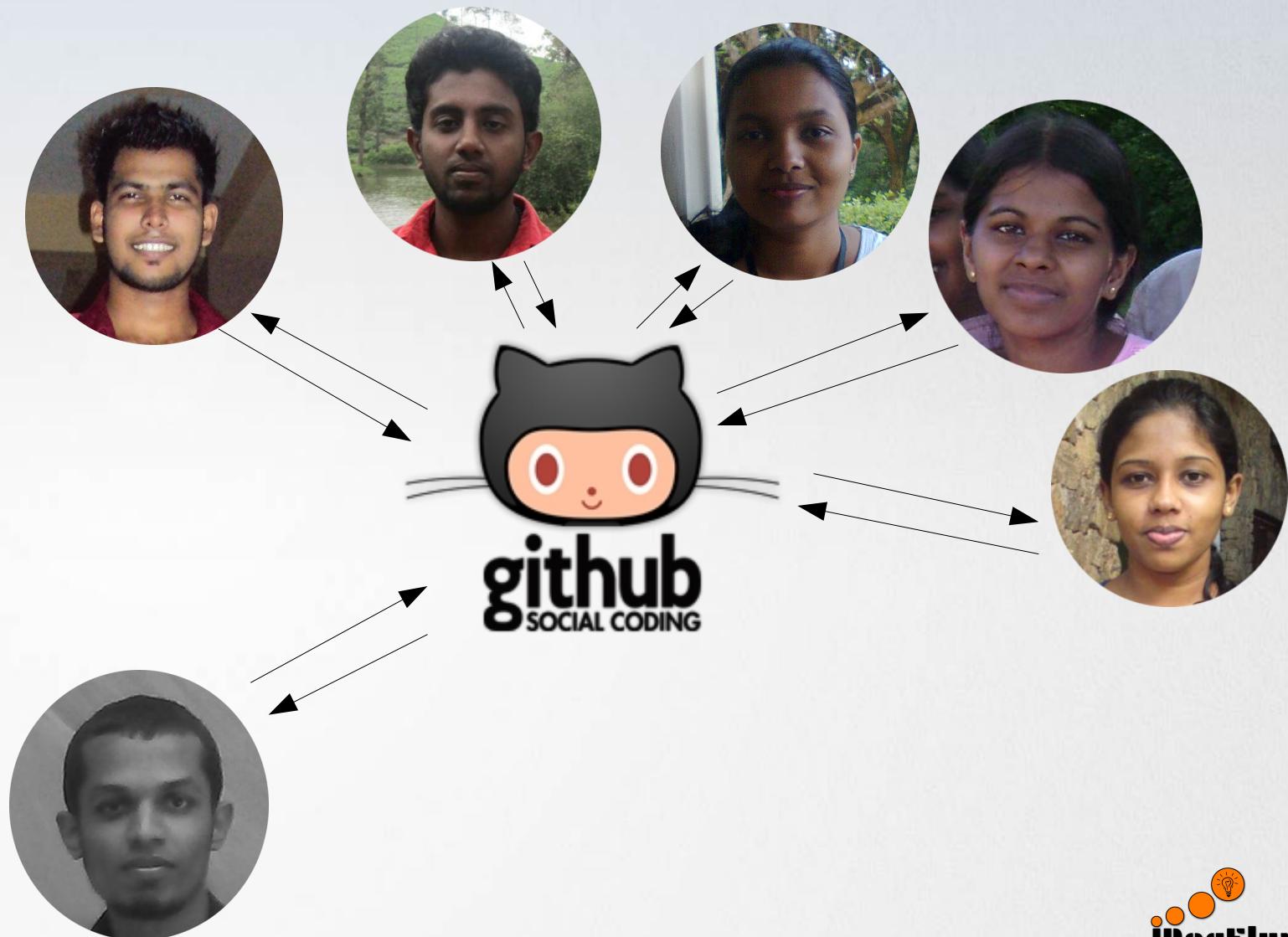
**What we have  
done so far?**

# What we have done so far

- Each member of the group is working on their components assigned.
- Developed the Data Base as necessary to satisfy the developed Models in MVC.
- Continuously kept up in sync with GIT.
- Formed our own committing architecture for multiple benefits.
- Of course! we learned a lot about many different technologies.

Our very own  
committing  
architecture

# Our very own committing architecture



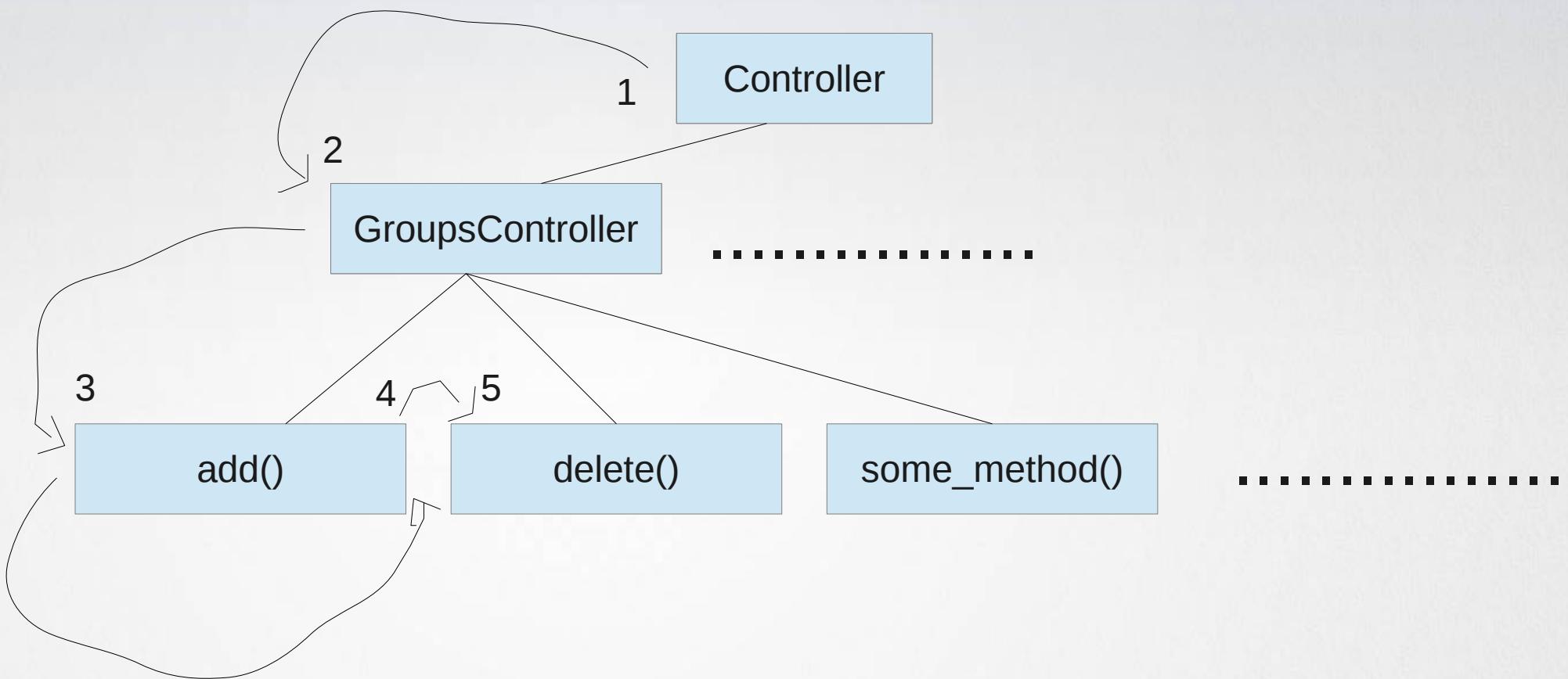
# Access Control List (ACL)

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- ARO (Access Request Objects)  
The Objects who WANT ACCESS to Objects
- ACO (Access Control Objects)  
The Objects that are wanted

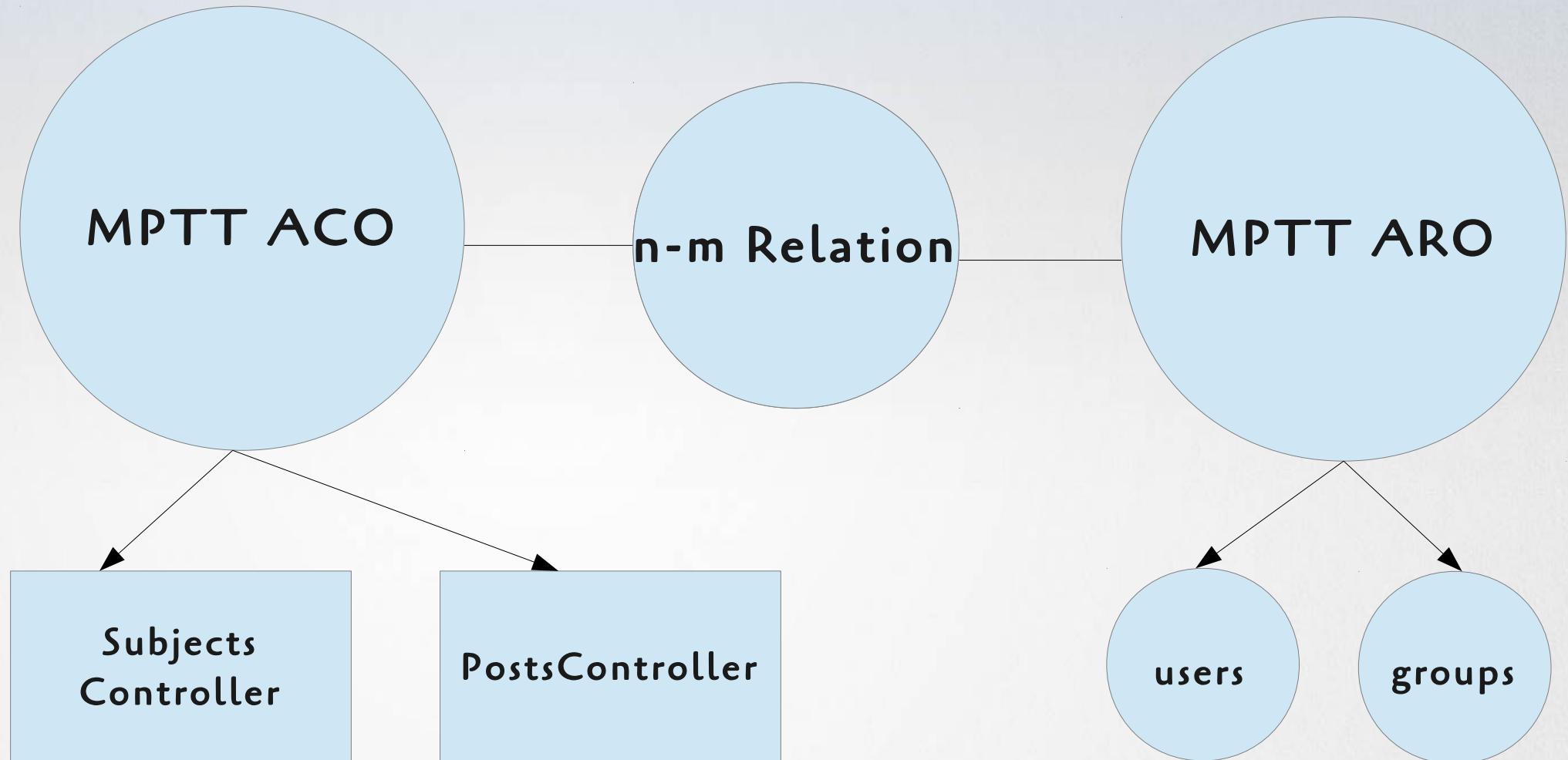
# Access Control List (ACL)

The MPTT (Modified Preorder Tree Traversal) Style



# Access Control List (ACL)

## Database Model



# Roles & Responsibilities of the Team Members

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## **1.Uditha Bandara - (Project Manager, Developer)**

User authentication & authorization component, Technical help (version controlling), Architectural decisions.

## **2.Yohani Ranasinghe - (DBA, Developer)**

Student component, Database design and development.

## **3.Ishani Gunawardhana – (Developer)**

Email & SMS component.

## **4.Shayamali Dulangika – (Developer)**

Organization and Feedback component.

## **5.Krishan Madusanka – (Developer,Testing)**

Publishing component, System testing.

## **6.Sameera Hokandara – (Developer,Testing)**

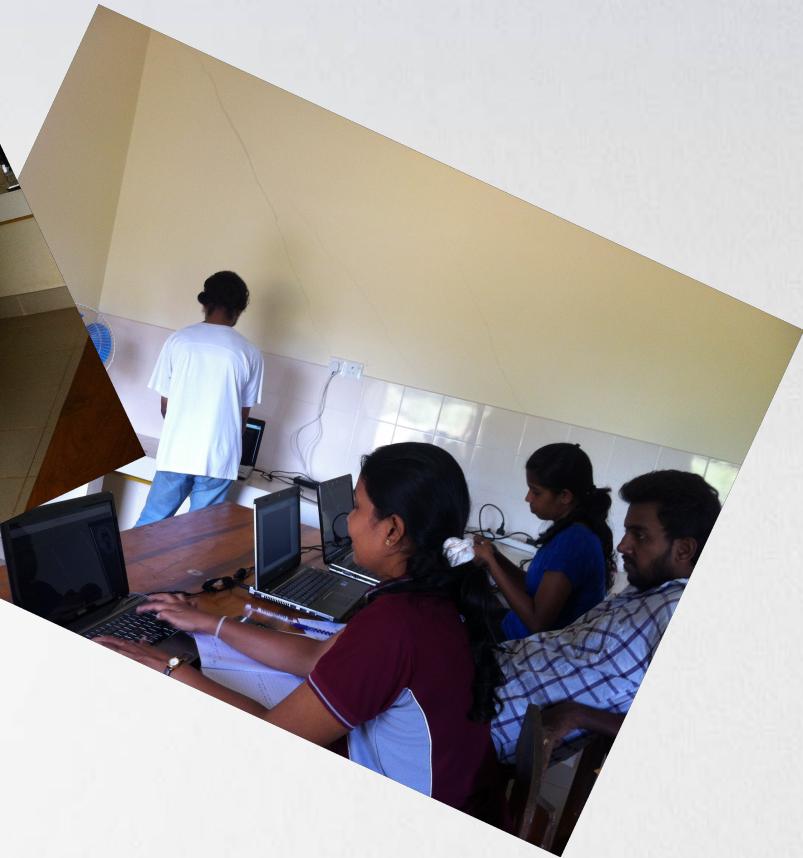
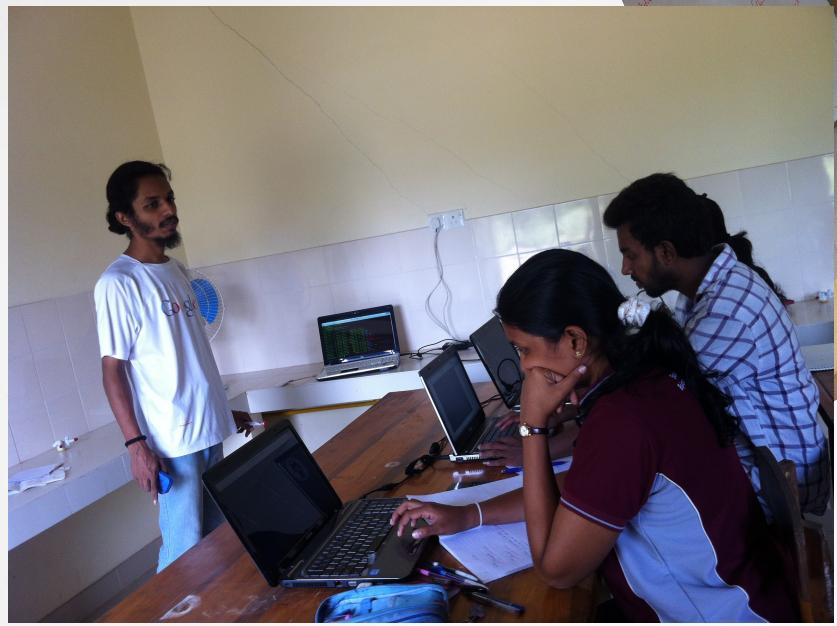
Marks and grading component. System testing.

# Lessons Learned

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- Without internet connection it is hard to keep in sync frequently with the mail GIT repository
- It takes more time than expected to learn a new technology
- Team communication is very important to reduce unwanted GIT merges
- Team learning is very effective
- Restless lifestyle because of the tight schedule

# How we collaborated!



Thank  
You