Summer Internship 2013
Report

Name: Anushree Jangid

Project: MOOC Prototype Course

Objective: To create a MOOC(Massive Open Online Course) Prototype to host the course:"Introduction to Android Programming".

WEEK 1

*Learned basics of **Python**.*

*Learned **github***

Setting up a github project and pushing changes to remote.
- Initialise github repo
  - git init
- Add files
  - git add filename
- Commit changes
  - git commit -m "message"
- Add remote repository
  - git remote add origin "url"
- Push commits
  - git push -u origin branch
- Pull commits
  - git pull commits

*Explored **edx** features*

The edx is a MOOC(Massive Open Online Course)platform started by MIT and Harvard in collaboration for making a revolution in online education.It is based on Django framework(web application framework written in python).
The major features are enlisted as follows:
1. User account
2. Online Test and assignments
3. Online Laboratory
4. Group discussion
5. Wiki
6. Calendar based scheduling
7. Assessments
8. Downloadable materials
9. Notification and emails:
10. Progress Report:
11. Video embedded quiz and other interactive options

*Explored **Class2Go** open MOOC platform.*

<u>WEEK 2</u>

Installed Virtual environment and Django

Steps:
 [sudo] pip install virtualenv
 virtualenv ENV
 [sudo] pip install django

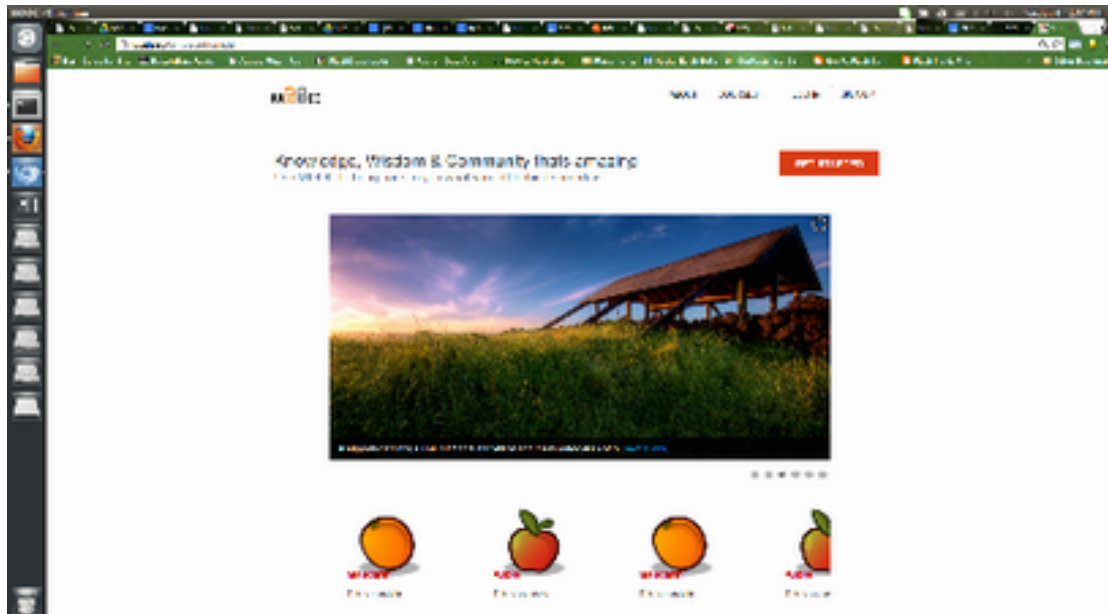*Learned basics of **Django** Application framework.*

 It includes
- Models
- Forms
- Views
- Templates
- Users
- Admin module

*Studied **bootstrap** api which is a sleek, intuitive, and powerful front-end framework for faster and easier web development*
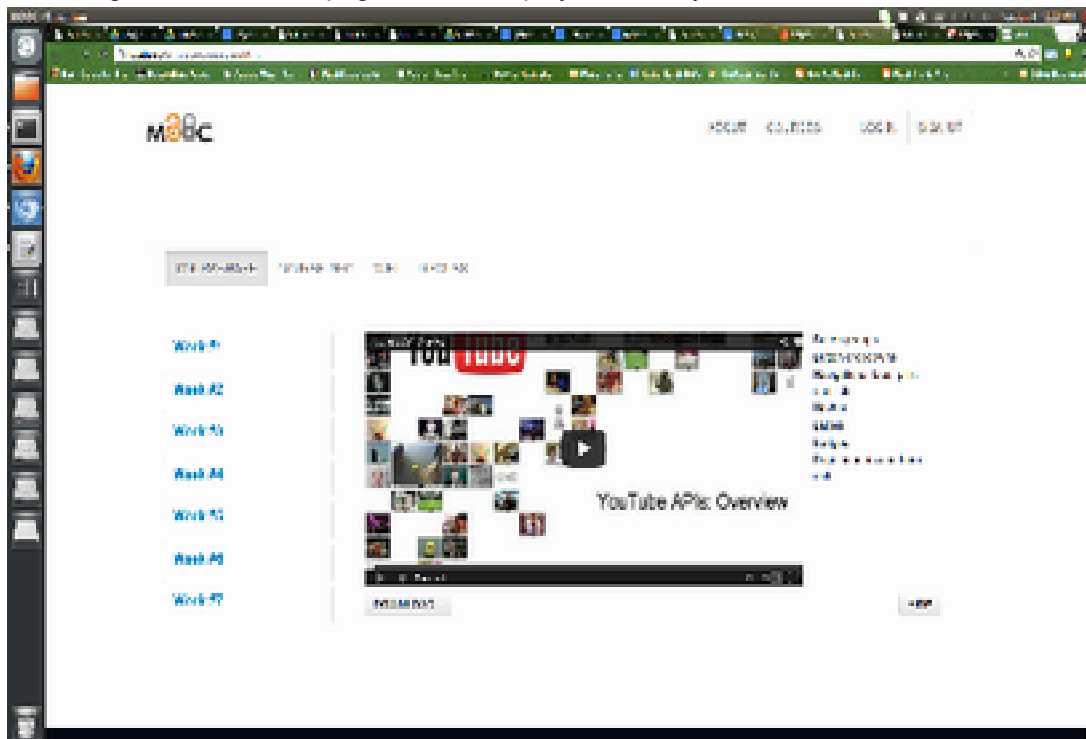
WEEK 3

Template designing

- Designed home page of MOOC Prototype with Roshan Piyush.

- Designed Courseware page that will display the weekly lecture videos and slides.

● Designed courses page that will give the introduction about the course selected.