

# Final Project

## Massive Open Online Courses (MOOC)

You are required to design and implement a MOOC website similar to Coursera. MOOC is simply described as a website where a user can create a course with multiple lectures; and other users can view this course and its lectures.

### **Required Scenarios:**

- As a user, I can register with these attributes: name, email, password, date of birth, gender, profile picture. (7 points)
- As a user, I can login using email and password. (7 points)
- As a user, I can create a course with these attributes: title (7 points)
- As a user, I can create a lecture that belongs to a course. Lecture will have these attributes: content and attachment (uploaded file). (7 points)
- As a user, I can comment on a lecture. (7 points)
- As a user, I can like a lecture. (7 points)
- As an admin, I can CRUD user, course and lecture models. (7 points)
- Write at least one test case for model and one for controller other than the default generated tests. (7 points)
- Following ruby/rails naming conventions and code readability (4 points)

### **Extra Scenarios (optional):**

- As a user, I can act as an instructor or a regular user. User can create a course or lecture, only if he acts as an instructor. (6 points)
- As a user, I can flag a lecture as spam. (6 points)
- As a user, I can edit and view the content of the lecture as rich text. (4 points)
- Enhanced designed (4 points)

### **Gems to help:**

- |                   |                  |
|-------------------|------------------|
| - devise          | - carrierwave    |
| - acts_as_votable | - activeadmin    |
| - cancan          | - ckeditor_rails |

### **Technologies used:**

Ruby on Rails is the only minimal requirement

### **Notes:**

- This project will be done in INDIVIDUALS. Detected copies will be graded with ZERO.
- Code zip or a link to git repo should be sent to [yasmine.gaber@gmail.com](mailto:yasmine.gaber@gmail.com) **maximum by May 5<sup>th</sup>, 2016.**  
Make sure your email has "[ITI Rails Course]" followed by your fullname in the email subject.  
Projects or any code changes sent after the submission date will not be graded.
- Project discussion will be held on any weekend of your choice after the submission date.