# Department of Computing

# CS344: Web Engineering

# Lab 3: Responsive Image browser

# Date: 22 September 2015

# Time: 14:00-17:00

# Instructor: Fahad Ahmed Satti

# Lab 2: Responsive Image browser

## Introduction

In this lab, students will create a web based image browser using only HTML5 and CSS3. Each student must, individually build the complete web application on their own. An image browser cab display pictures from a folder with image name as captions. The user should be allowed to switch images, with at-most one image taking primary display space at a time. Students must upload their solutions on [GitHub](http://www.github.com) and LMS to qualify for evaluation.

## Objectives

1. Create an Image Browser.
2. Make it responsive(so it works with multiple screens, like pc, phone, tablets, etc)
3. The user should be able to switch between images (minimum 5).
4. Use a Version Control System (VCS) to manage solutions.
5. **BONUS**: Make the web page 100% responsive, explicitly.

## Tools/Software Requirement

1. Students should implement their solutions using HTML5 and CSS3 only.
2. Besides LMS, Students must also use GitHub and upload their complete solutions and a description document on it.

## Pitfalls

* Any exceptions or errors leading to non-execution of submitted code.
* Failure to upload the solution to GitHub or not sharing the public repo link on LMS.
* Using Javascript or any other scripting language, besides HTML5 and CSS3
* Failure to display multiple browse-able images.
* Displaying all the images on the page at one time.
* Failure to explain the submission, during viva.

## Deliverables

Students must upload the following, on GitHub and LMS:

1. Description document(Including a link to GitHub)
2. All source code

## Hint

<http://heygrady.com/assets/adaptive-image-example/proportional-step-3.html>