

# CS5542 Big Data Analytics and App

## LAB ASSIGNMENT #11

**Lab Submission before 2017/4/12 (W) 11:59PM.**

- Follow the guidelines for uploading assignment to GitHub
- Submit the screenshots of the task under documentation folder in GitHub and push the code to Source folder in GitHub
- **No late submissions** (penalty or not) will be accepted.
- Create **wiki page** for report and include **images in wiki page**
- Submit your Github project for Lab Assignments with source code, input and output data and wiki page containing the report for your lab Assignment.

<https://goo.gl/forms/L5NVqbdwBwkwK2n13>

### 1. **TensorFlow Programming:**

**Write a TensorFlow program for the following Task.**

- a. Generate captions for your own dataset that is not covered in class tutorial using the model provided.
- b. Generate 4 captions for each image. (Beam Search k=4)

In the Wiki Page, include a brief description of your dataset and your approach/results for this task.

### 2. **Web based Q and A**

- a. Develop a web based question and answering system similar to that covered in class.
- b. Develop Q & A that is related to your project.