

# Week 7-9: Design Project Assignment – Design and content creation

(Practical Assignment) Due in Week 14. To present during practical session. 8%

## Introduction

From week 7 to 9, you are required to design for a private school – Delta Institute, in a **team of 4 to 5**, a

1. learning management website (similar to Blackboard), and a corresponding
2. learning management mobile app.

The website allows the students to

- View all registered modules
- Access all the learning content such as documents and videos for registered modules.
- Check the due dates for assignments
- Submit assignments
- View assignment grades
- Get messages and instructions from teaching staff

The mobile app is targeted at the students of Delta Institute and the intention is for the students to

- view their learning content and
- track their assignments

The team is required to present to the class (10 – 15 minutes) during the practical session in **Week 14 (14 – 18 Jan 2019)** for assessment.

## Tasks

The design needs to be submitted as a word documents containing the following **prior to the presentation**. (*\*All members will submit a copy of the word document for recording purposes.*)

1. Website (static) wireframes (screenshot/images)
  - A. Home page/landing page
  - B. Module Overview page
  - C. Any other supporting pages
2. High fidelity (static) Home page/landing page of the website
3. Mobile app (static) wireframes (screenshot/images)
  - A. Login page
  - B. Home page
  - C. Supporting pages to view learning content and track assignments
4. **Explain the principles and user understanding** that went into the designs of the various pages submitted

## Suggested Project Plan

Proposed plan for the practical sessions in the coming weeks.

### Week 7: Kickstart Assignment

Form your groups and determine the target users. You can reuse or refine your previously created persona in your group blog **"IT1214-0X"** after discussing as a group.

### Week 8: Design the mobile app

1. Determine the minimal viable set of functionalities on the mobile app
2. Determine the information architecture (terminology, grouping of functionalities)
3. Determine the possible names of pages and navigational menus of your design
4. Draft wireframes for mobile app
5. Group leader **upload** images of **completed wireframes** to group blog **"IT1214-0X"**

### Week 9: Design the learning management website

1. Determine the set of functionalities on the website
2. Determine the information architecture (terminology, grouping of functionalities)
3. Determine the possible names of pages and navigational menus of your design
4. Draft wireframes for website
5. Create the high-fidelity home page/landing page of the website (with actual content)
6. Prepare for presentation in Week 14
7. Group leader **upload** image of **completed high fidelity home page/landing page** to group blog **"IT1214-0X"**

### Week 14: Evaluating of designs – Design Project Assignment Presentation

1. Present design before the whole class
2. Evaluate and analyze design proposal

## Exercise (Group):

- **Submit individually** (for recording purposes) as a Microsoft Word document **prior to presentation in Week 14.**
- Presentation **dress code is casual**. You are free to use any presentation aids or tools to showcase your design. During the presentation,
  - a. Do clearly describe users and how their needs are met
  - b. Do explain the rationale behind your designs and features being designed for
- **Each member of the team will receive the same mark. Marks will not be awarded to student who did not contribute to presentation or team assignment.**