

SIT725 Software Engineering
Week-2



Tutor's Instruction:

- (1) Please take the group members name ID and provide them a group number for each group,**
- (2) I will share a google DOC with all student list, fill the group number, please give group number such that it is unique to every group.**

Student's Instruction:

- (1) Please form group and provide group information to Tutor and then get group number, submit task to CloudDeakin**
- (2) Submit the task description report to the CloudDeakin submission system for week-2 for Unit Chair's Approval.**

You need to select your topic in this week through the group meeting during your practical class.

On-campus students: All group members must attend in group discussion and select your topic. While selecting, consider the instructions provided in assignment-1. After finalizing, you need to write a brief description about the following and **then show this description to your Lecturer/Tutor in practical class:**

For the chosen Web site or sub-site, you are required to give

a brief introduction to the Web site, including the main purposes, functions of the Web site/sub-site; and

The reasons why it is chosen for investigation and analysis.

Guideline while you select the web page. Your selected web site will require following types of updates that you need to address in proposed solution for assignment.

Read week-1 and week-2 lecture slides:

1. Website will require to update the content. This content could be both static and dynamic content. The dynamic content may require new user interactions and require to update the content model and process model of web site.
2. Update of user interactions will require an update for GUI interface. This may need to update of process model
3. Web site will require to update the navigation structure and presentation
4. Update of specific features at least three that address items (1 to 3). Addition of features may require update in content, user interaction, process and navigation model.

Task submission requirements:

1. For the chosen Web site or sub-site, you are required to give
 - a. the URL;
 - b. a snapshot of the home page;
 - c. a brief introduction to the Web site,
 - i. the background of the Web site/sub-site such as why it was developed (business needs);
 - ii. the objectives of the Web applications; and
 - iii. major features and functions that realize the objectives using some diagrams or figures is preferable in existing web site.
2. The reasons why it is chosen for investigation and analysis.
 - a. Identify and describe the major services in plain language that will improve the web site and benefit its owners and users.
 - b. This should fall under above areas. There should be at least three proposed major services.
3. Write the high level requirements for users, rationale and Fit criterion (if applicable) for your required services by following appropriate format as mentioned in week-2 lecture slides-17.

These are proposed high level requirements as a form of services, not what are existing there. Requirements at this stage have scope of product feature type (at least three).

Submit the above to the CloudDeakin submission system for week-2 for

Unit Chair's Approval.

Part 2: Read and Discuss!

Part 2 discusses the issues/topics refereed in the papers in “Week 2 Reading in practical section” folder on CloudDeakin.

1. The paper “**13 Common Objections against User Requirements Analysis, and Why You Should Not Believe Them**” lists 13 common objections against user requirements analysis, and gives author’s comments on these objections.

Give your thoughts:

- Which of the author’s comments do you think are wrong, why?
- Which do you think is more useful when trying to develop a successful WebApp – user requirements analysis or market research?
- Do you think the author is correct in saying that WebApps which have design or functionality that has never been seen before – will not be successful?
- What lessons or tips do you learn from this paper, which you could use in your future career?

2. Two papers “**Getting to Know Your Audience**” and “**Categorizing Your Audience**” discuss the importance and methods of web application user analysis.

Give your thoughts:

- If we have two rival pieces of utility software e.g. Silverlight vs. Flash, should we consider which our target audience uses more and go with that or cater to both?
- Would a development team use a WebApp, different to a normal user, or should they ideally use it the same way?
- Is it a good idea to break our audience into categories or groups? E.g. viewers, readers and users.
- How important do you think search behaviour of our audience is to increasing sales revenue down the line?