

# Software Engineering User Interface Design and Testing Course Project

## The goal of the project:

Website design using Html, Css, Bootstrap and Javascript technologies.

It is aimed that the website to be built is suitable for the user interface design and testing stages.

## Project Details:

- The subject of the website is optional.
- Its pages will be prepared in accordance with the rules and warnings explained in the course.
- It is expected to use the technologies described in the course (eg html, css, bootstrap, javascript).
- The project group should be min. 2 max. 4 people.
- Ready-made templates **should not be used**. Using ready-made programs should be avoided.
- Care should be taken to avoid problems such as dead links or images not loading on the page.
- The website should consist of 4 pages in total.
- The site should be able to be viewed properly and completely in all browsers.

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- Before web site design, you must prepare design stages according to UI requirements. So that;

### **In requirements part;**

- ❖ While doing this design;
  - You should use a variety of techniques while gathering the requirements.
  - Observing Your Users
  - Interviewing Your Users
  - Questionnaires and Surveys
- ❖ You have to find out who users are.
- ❖ You must describe the users and their characteristics. (If there is a physical limitation, you should indicate and design.)
- ❖ You must find out user users needs. So you can understand the domain
- ❖ Describe users's works (goal, task analysis (using scenario and use cases) and actions)
- ❖ Gather requirements (using four psychological principles and three principles from experience: Visibility, Affordance, and Feedback)

### **In design parts;**

- ❖ While doing conceptual designing you must produce content diagram using four steps.
  - ❖ Describe your UI according to design principles that are Simplicity, Structure, Consistency, and Tolerance.
  - ❖ Use the human–action cycle to critique the your UI.
  - ❖ Determine your interaction styles.
  - ❖ Explain why you will use the graphical interface controls you intend to use (such as menus, tabs, buttons, primary and secondary windows, etc.).
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- A **Readme** file describing the project must be created. In this file,
  - You must present your preparation process and design process in a **report** by following the methods explained in the lesson (you can use the flow of slides).
  - The names and numbers of the group members must be found.
  - The duties of the group members in the project should be explained.
  - The subject of the project should be explained and the site made should be introduced.
  - If there are any deficiencies should be stated.
- All files belonging to the project (eg Readme file, .html, .css files) must be uploaded with the extension .zip to the sabis system.
- In our last 2 lessons (14.05.2024-13.week and 21.05.2024- 14.week), you are expected to **present** your project for a maximum of 10 minutes. So the deadline for the project is 13.05.2024 at 23:59.
  - You should prepare a ppt presentation and you should make a detailed presentation about requirements part and designing part. After presentation, you should show your web site.

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