# Web UI Programming

# FINAL ASSIGNMENT

Time: 3 hours

1. **Theory(2.0 points)**
   1. What’s the difference between a UI developer and a front-end developer?   
      UI/UX designers focus on the visual side and the user experience of a website, mobile application, or software product, while front-end developers focus on functionality.
   2. What is meant by a responsive website?  
      Responsive web design (RWD) is a web development approach that creates **dynamic changes** to the appearance of a website, **depending on the screen size and orientation** of the device being used to view it.
   3. What’s the differences between this quartet of position properties: Relative, Absolute, Static, and Fixed?   
      - Relative: Absolute positioning for elements, without affecting the original position or other components.

- Absolute: This value will help to position the element absolutely according to the wrapper element, or at least according to the browser window.

- Static: This is considered the default value to display Position in css (default), the elements will be in the order of the text.

- Fixed: Position and help the element stay fixed in place, for example, when you scroll the browser, for example, the element will not change.

* 1. Bootstrap - Which contextual class indicates a dangerous or potentially negative action?

Text-Danger

* 1. Use any framework – Write the following as HTML code snippet at basic level, LOGOBAKERY could be an image:  
     

1. **Practice(8.0 points)**

Choose 1 of UI following designs and implement it by any approach (pure/Bootstrap or other CSS framework):

[Link 1](https://www.figma.com/file/katNReKR7MBVy6XpsVyNdo/Web-UI-Programming-Exam-1---Management-Dashboard?node-id=0%3A1&t=FtfWEfGlEosAlYtN-0)

[Link 2](https://www.figma.com/file/TXhpBWNmBRdYFWSBLKOIgO/Web-UI-Programming-Exam-2---Dashboard-UI?node-id=0%3A1&t=31jDPa0Y8M0iI3i1-0)