

# User Interface

## Assignment No. 5

### Alpha Version

*A very early version of a software product that may not contain all of the features that are planned for the final version. Typically, software goes through two stages of testing before it is considered finished. The first stage, called alpha testing, is often performed only by users within the organization developing the software. Alpha software is software that is not thoroughly tested by the developer before it is released to customers. Alpha software may contain serious errors, and any resulting instability could cause crashes or data loss.*

### Analyze the interface structure

*Analysis is the process of studying what type of person might use the application or product in question. For example, are they private individuals or professionals who use it as part of their work? Additionally, it is important to define the particular uses they will make of the product and what goals they achieve by using it. These can be thought of as 'user stories' or use cases.*

## Coding the home page

**Create the containers structure:** - start by creating container for the elements of home page, i.e, navbar, header, links etc.

**Create the main navigation:** - now create the main navigation of page containing all the links of website.

**Integrate the interface elements:** - now integrate all the elements you create individually to create a single page.

**Test the interface:** - testing your work is as important as creating the elements. Test the interface by looking on the margins and padding, width and height etc of elements.

**Code/adjust mobile version:** - You can code the mobile version from scratch or by adjusting the bigger version by using media queries to fit the screen size

### **Coding the section page**

You can start coding the section pages. The steps to create the section page is same as of the homepage, you just have to add contents of the section you want to display. Every other things are same, create the containers structure, Integrate the interface elements, Code/adjust mobile version and testing.

## Producing the alpha version

**Duplicate the section pages:** - Duplicate the section pages as many as you need

**Create content pages:** - Create content pages if you need according to your website

**Integrate the main title:** - Now integrate the main title in all pages and sections of your pages

**Update the navigation:** - Update the navigation with links to all the pages you created and provide it with the style

**Test the desktop and mobile version:** - Now test both the desktop and mobile version you created and fix the visible problems.