



**Department of Electrical, Computer
& Biomedical Engineering**
Faculty of Engineering & Architectural Science

BME802 – Human Computer Interaction

Semester/Year:	Winter 2024
Project Title:	Lab 4: Website Usability Testing

Instructor:	Kristiina Mai
Section No:	02
Submission Date:	March 24, 2024
Due Date:	March 25, 2024

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Design Process:

Design Requirements:

The website needs to be centered either around myself or a topic of interest. For this assignment, I will do my topic on my favourite foods and their background.

The design must have a main page, and 3 other pages with buttons or menu items for navigation. Pictures are also recommended.

Include HCI concepts learnt in class (magic number, clarity, redundancy)

Define & Ideate:

I will first establish a base React template for my website that I can run locally.

First, I'll need to do research from books and some online websites on authentic foods I've tried:

- Recipe
- Background (history and origin, changes in recipe, and popularity)
- Links for further reading

I want to limit the recipes by my top two favourite main dishes, one/two deserts, and one side/starter dish.

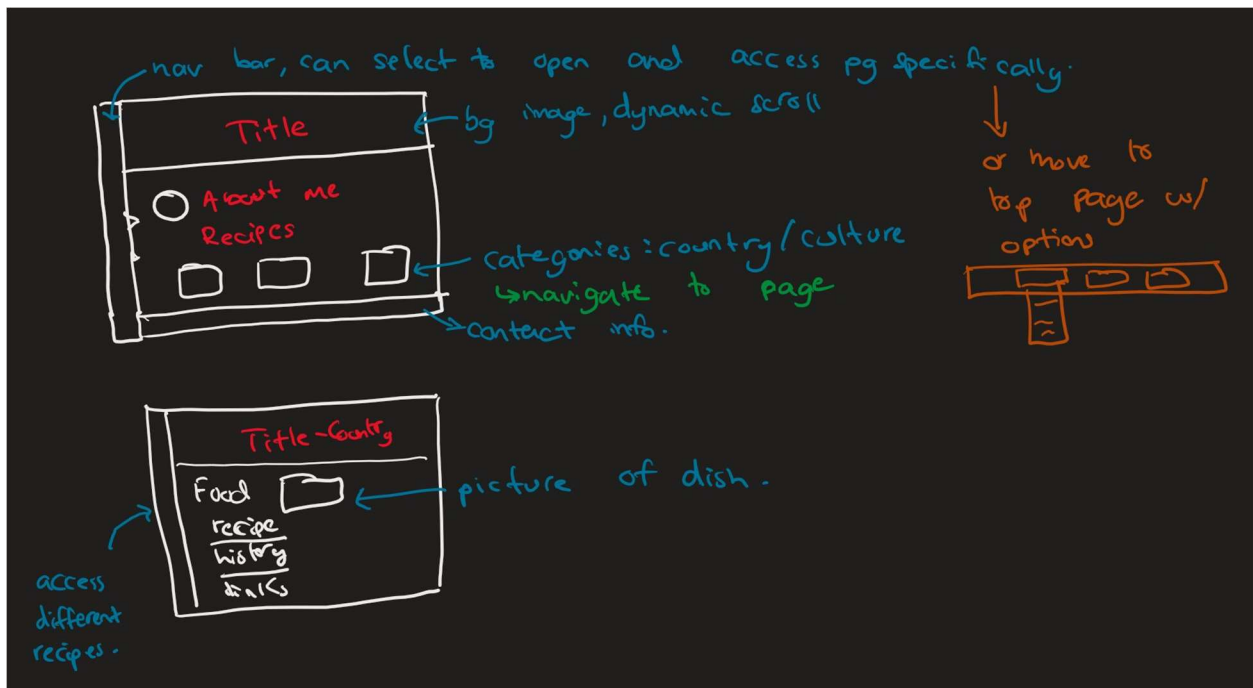
Some inspiration that I have seen is my mom's recipe blog: www.bakeithalal.com and some books like 'Palestine on a Plate' and 'The Gaza Kitchen'. These are good for merging my idea together into a single recipe website with some history – something I've always enjoyed (cooking and history).

The following flow is what I'm aiming to have on my website:

- Main page
 - Title & author
 - About me/Purpose
 - Cards to navigate to recipes (category = country)
 - Side bar navigation to select recipe category (category will be country)
- Category page
 - Historical context on history of origin country (should be related to the type of category)
 - List of dishes (specific to category and organized by type – main, starter, desert)
 - Recipe
 - Historical context

- Potential alterations
 - Links for references and more readings
- Bottom page
 - Contact information

Design/prototype & Wireframing:



This is an overall concept of what I'm going for in my blog. The navigation header is subject to change based on user feedback (whether the side bar is easier to use or a top navigation header).

I also want to change the layout for the recipes page and how to properly organize the recipes (too much scrolling on a page is not ideal). I might split the navigation like home page > country (talk about the country and different recipes available) > recipe, ultimately having 3 page hierarchies.