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ENGINEERING  
BACHELOR OF SOFTWARE ENGINEERING HONOURS  
DEGREE  
: LEVEL 3  
EEI3346: WEB APPLICATION DEVELOPMENT

# WEB APPLICATION DEVELOPMENT



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## Introduction

With the advancement of technology, the internet is becoming more and more popular. The website has become an essential component. Often used as a major requirement for ranking an organization's website. Therefore, it is essential for any major organization to have a website. I have created a website for local businesses on this project. Almost every detail required in this report is discussed.

Overall a website can be really useful for our village businesses.

## Question

### Task 01: Web Design

Create a website that exhibits a Small business (or home-based business) in your native place.

This must contain all the (or some) details of small, home-based businesses, such as traditional food stalls, fruit sellers, handcraft sellers, dressmakers, any traditional item makers/sellers, or

Specific/unique item for your native place (Ex: Palmyra products in Jaffna), etc. It can be named

“Unseen sellers at <your native place’s name>”. This could be a free advertisement for the small entrepreneur.

- You must include at least 3 different businesses (no limit for the maximum)
- It should contain an appropriate theme
- It should contain true information
- You may use pictures of their businesses with their permissions
- It would be appreciated if you display some description about the small businesses.

The page should contain at least 5 distinct web pages, should have a captivating look, and be interactive. Some suggestions for pages are Home, about us, separate pages for different

businesses, queries, To-Do List, and Contact Us

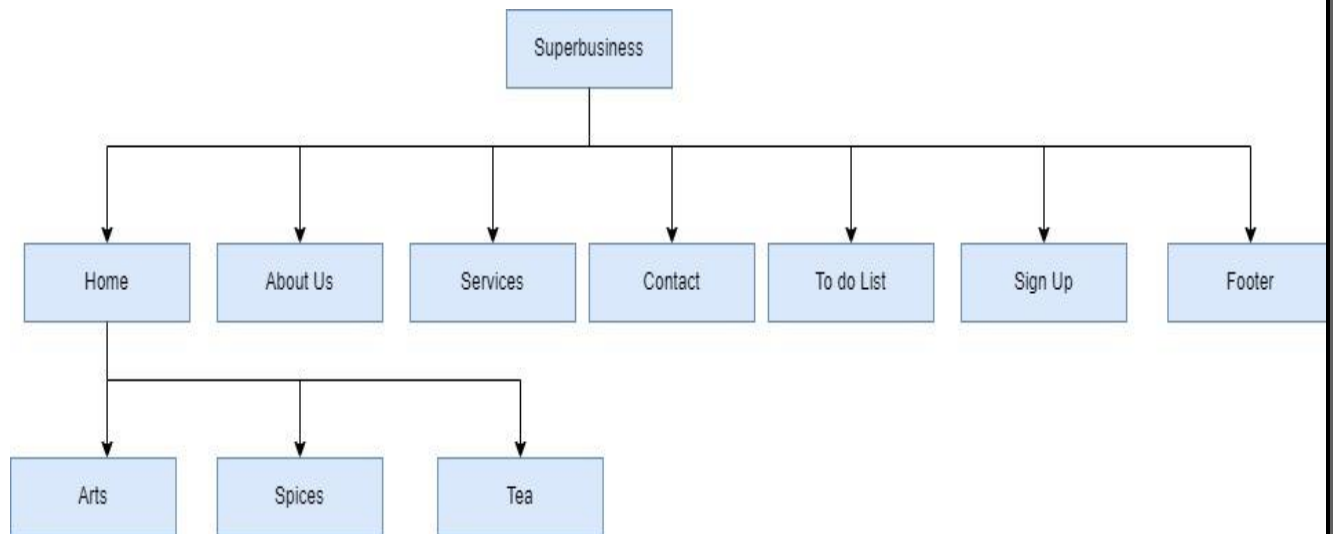
### **Guidelines:**

1. You are free to decide on suitable pages, images, and their components as long as the basic requirements of the website are met.
2. Create a To-Do list using VueJs where users can enter their shopping list (i.e.: they can enter the list of the things, and the amount, etc.), once they complete it, the list should display separately by the side of the same page.
3. Usages of Templates are prohibited. Make sure to avoid irrelevant components/information.
4. You are advised to use CSS, JavaScript, and VueJs framework to improve the look and feel of the website.
5. Backend functionality is NOT expected to be implemented.
6. E-commerce integration is NOT expected.
7. Marks will be distributed for the correct usage of HTML, CSS, JavaScript, and VueJs

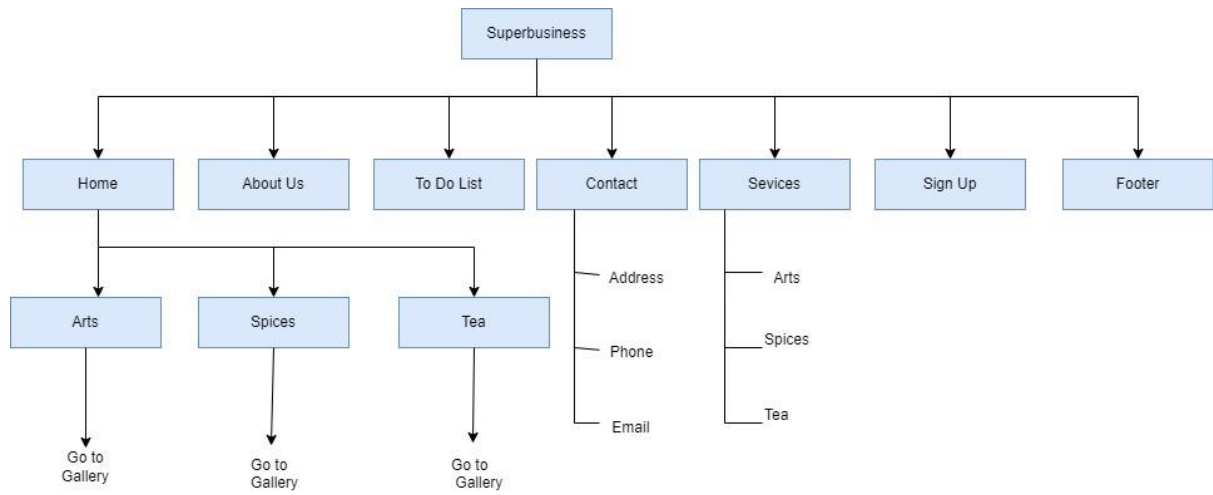
## Problem and solution approach

- Less knowledge about css, js,vueJs.  
Learning from YouTube, W3 School
- There are lot of mistakes in coding.  
Identify missed areas using the console and correct Errors
- Difficulty figuring out the format on which a website should be created before creating it.  
I visited various websites on the internet for ideas

## Architectural diagram of the system



# Site Map

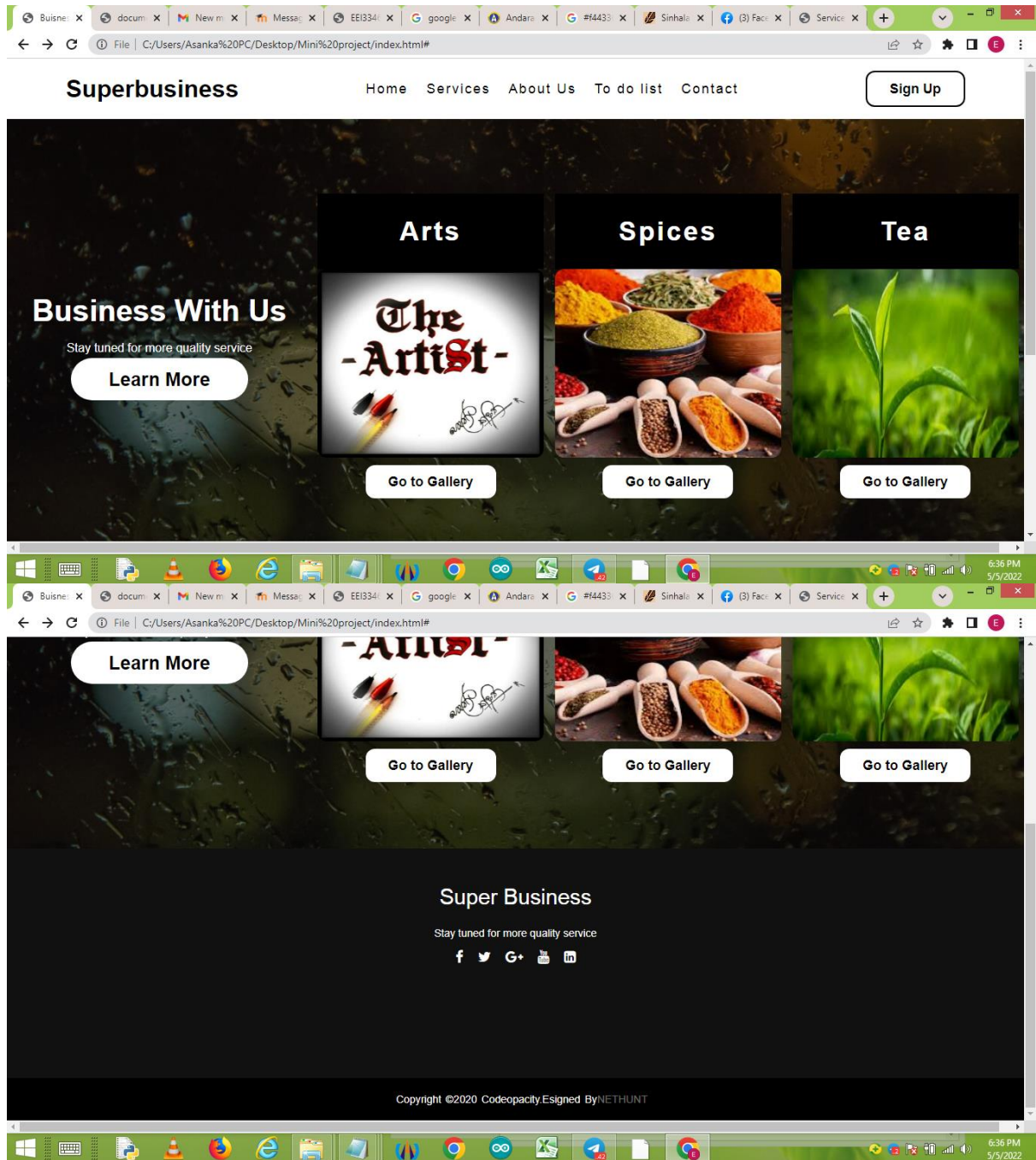


## Used web technologies

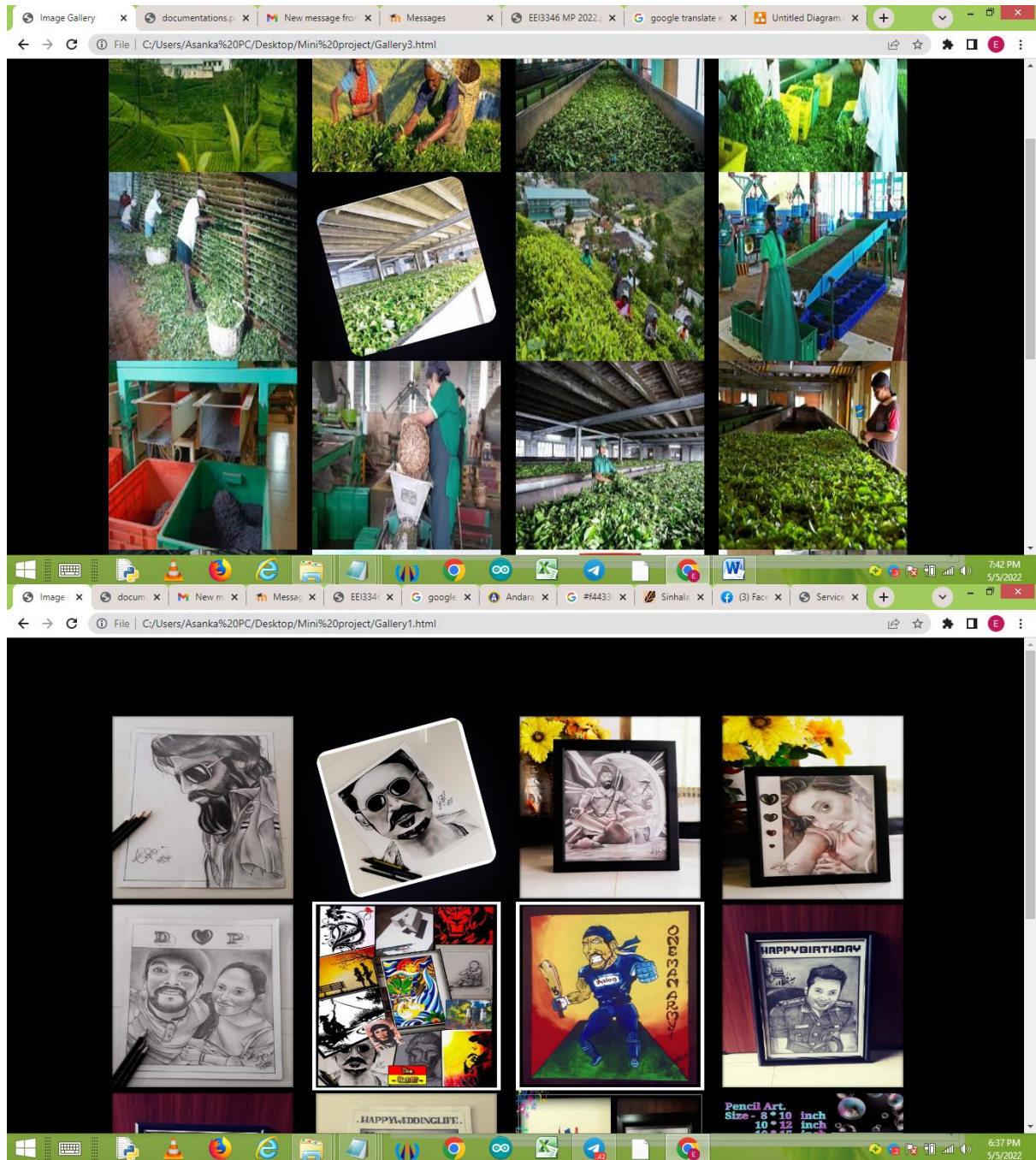
- HTML
- CSS
- JavaScript
- VueJs



# Results

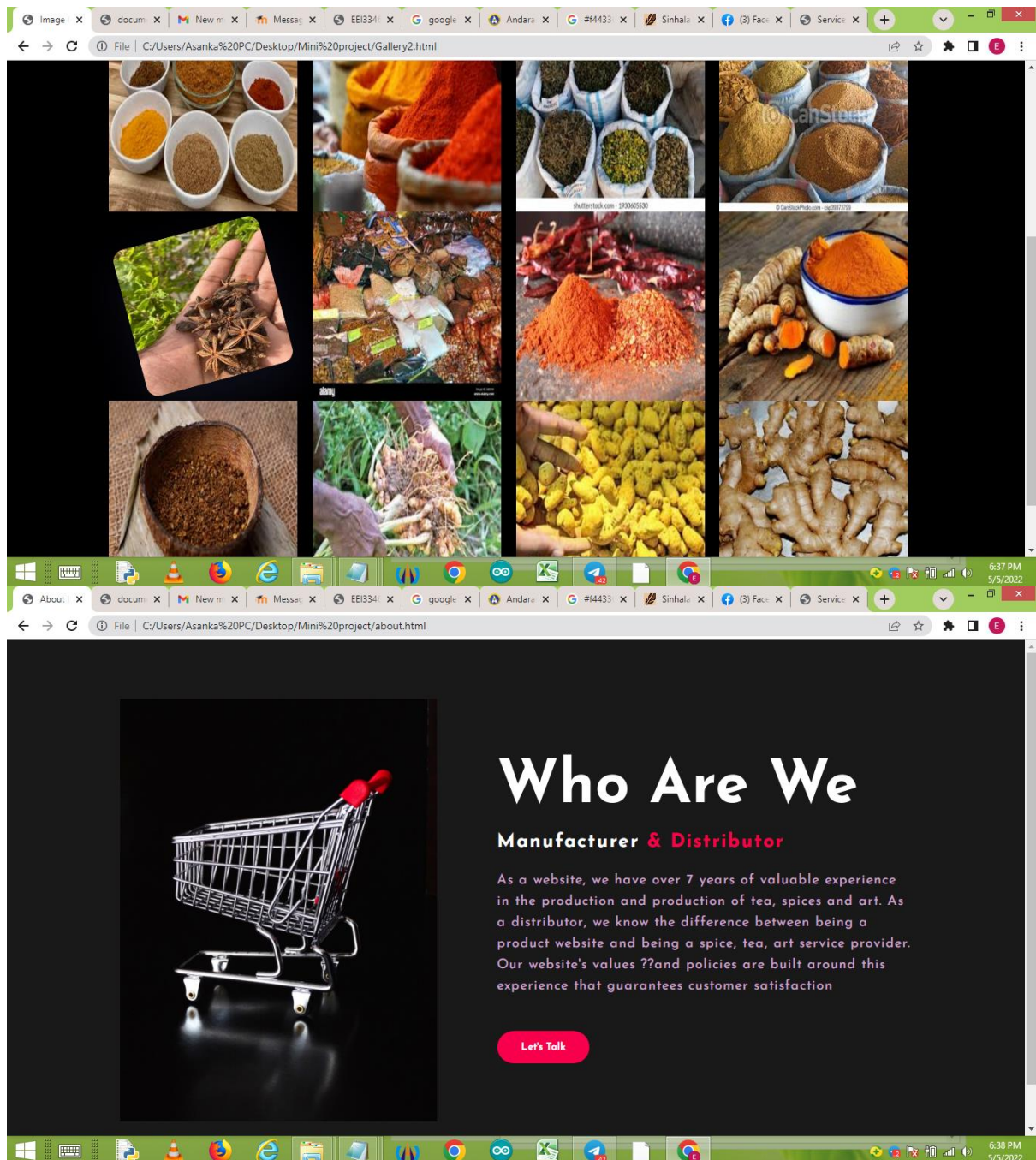


# Mini Project

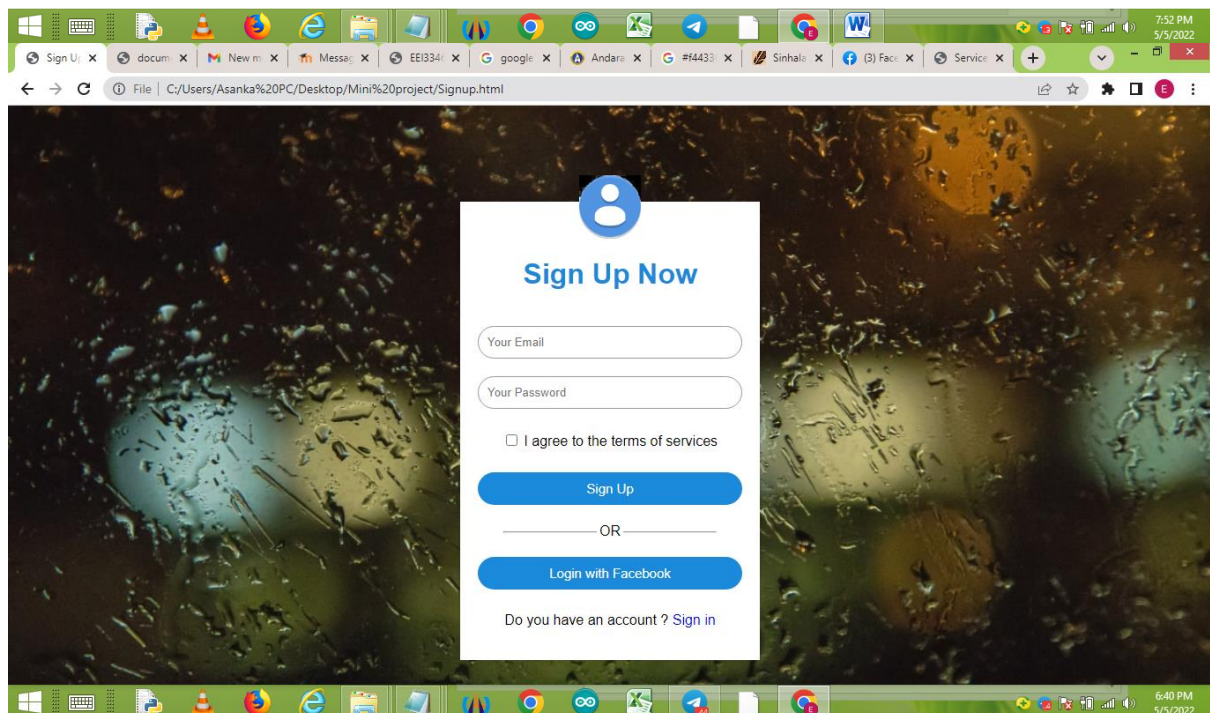
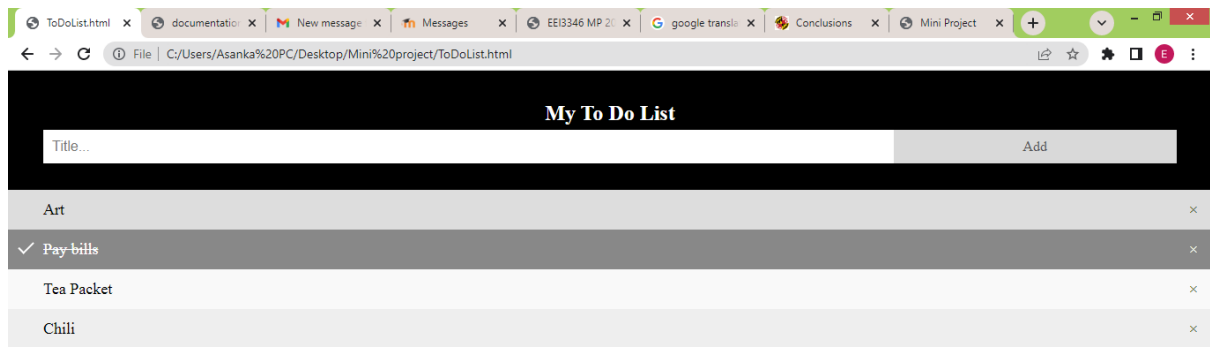




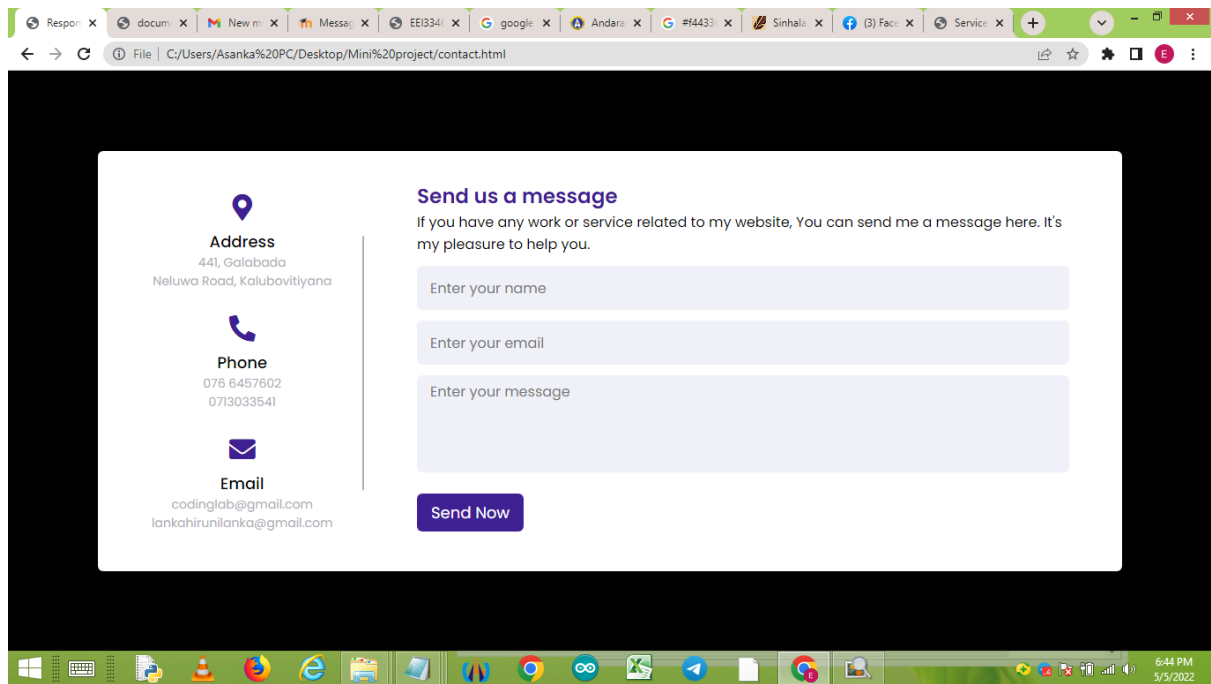
## Mini Project



# Mini Project



# Mini Project



## Conclusion

In today's Web development, a good page design is essential. A bad design will lead to the loss of visitors and that can lead to a loss of business. In general, a good page layout has to satisfy the basic elements of a good page design. This includes color contrast, text organization, and font selection, style of a page, page size, graphics used, and consistency. In order to create a well-designed page for a specific audience. The developer needs to organized and analyze the users' statistics and the background of the users. Although it can be hard to come up with a design that is well suited to all of the users, there will be a design that is appropriate for most of the audience. The better the page design, the more hits a page will get. That implies an increase in accessibility and a possible increase in business.