Meable

Meable is social media website.

Introduction

The project is a social media website where users would Post Insight, Opinions, videos, and needs. The website would be used by different people, so they can post their ideas and other users' comments.

Aims

The aim of this project is to develop the ability to learn new technologies and different ways of writing software using technologies like JavaScript and ajax to read data from a web server. The main aim is to design a frontend that is easy for the users to use and the design must be responsive to desktops, laptops, tablets, and mobile phones.

Objectives

- To learn JavaScript, it would take around 30 hours to learn, and by using JavaScript books and other online sources.
- Following these simple steps to design the frontend:
  - using Canva (Canva is a graphic design platform that allows users to create social media graphics, presentations, posters, documents, and other visual content.) to design the logo.
  - using CSS, JavaScript (Ajax), and HTML to build the user interface.
  - get informed by doing research about how to build a friendly frontend.
- Software engineers are the first line of security when it comes to cybersecurity. The ability to use secure programming practices can prevent hackers to attack the software. So, using Django for the backend is a good choice because the framework is maintained. Django provides tools and documentation to prevent common mistakes that are causing security problems.
- Allowing companies and users to view the data without showing personal data of the user to the company and following General Data Protection Regulation (GDPR).
- Building security software is a very important goal, and the goal is to implement encryption, hashing, load balancing and monitoring, password token, logging, configuration.
- The main goal of this project is to create an Interactive website where Members of the Public would Post Insights, Opinions, Needs and Preferences.

TECHNOLOGIES USED

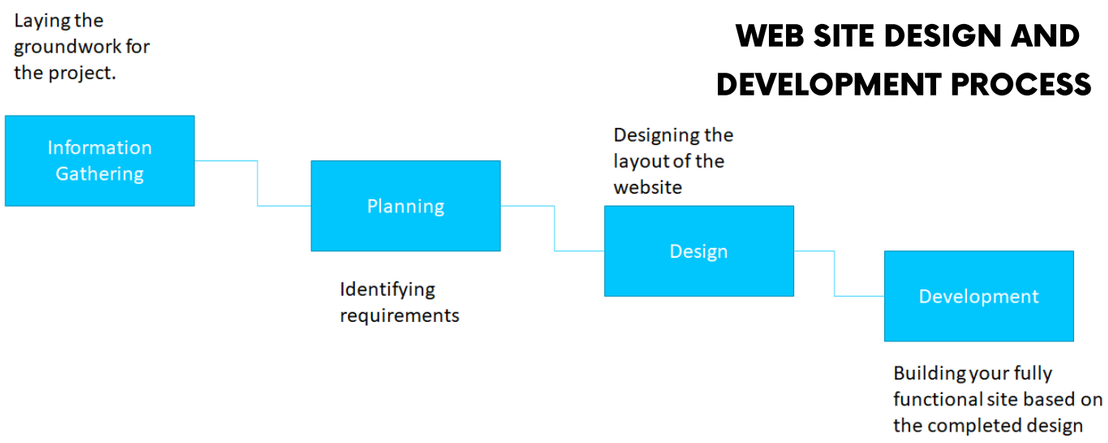
- Django is a high-level Python Web framework.
- Postgres is a free and open-source relational database management system.
- Django REST framework is a powerful and flexible toolkit for building Web APIs.
- Bootstrap is a free and open-source CSS framework that allows you to create a responsive website.
- JavaScript will be used for the front end.
- HTML5/CSS.

RESEARCH

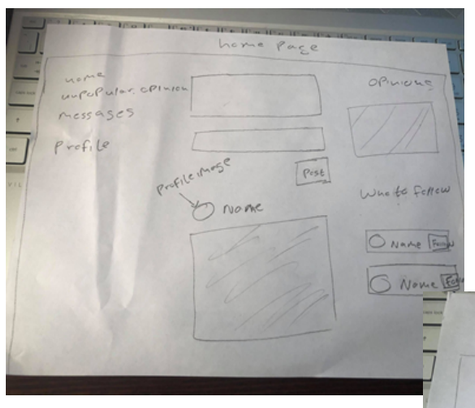
Responsive designing is a method that allows the content and elements of the website to dynamically change so it can match the screen size without hiding the content of the website.

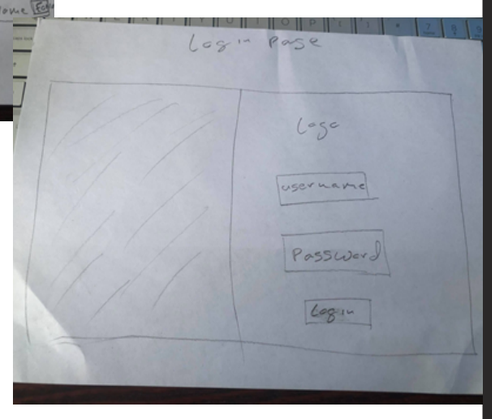
Before building the website, it should first be designed in such a way that users can only use the system privilege they need.

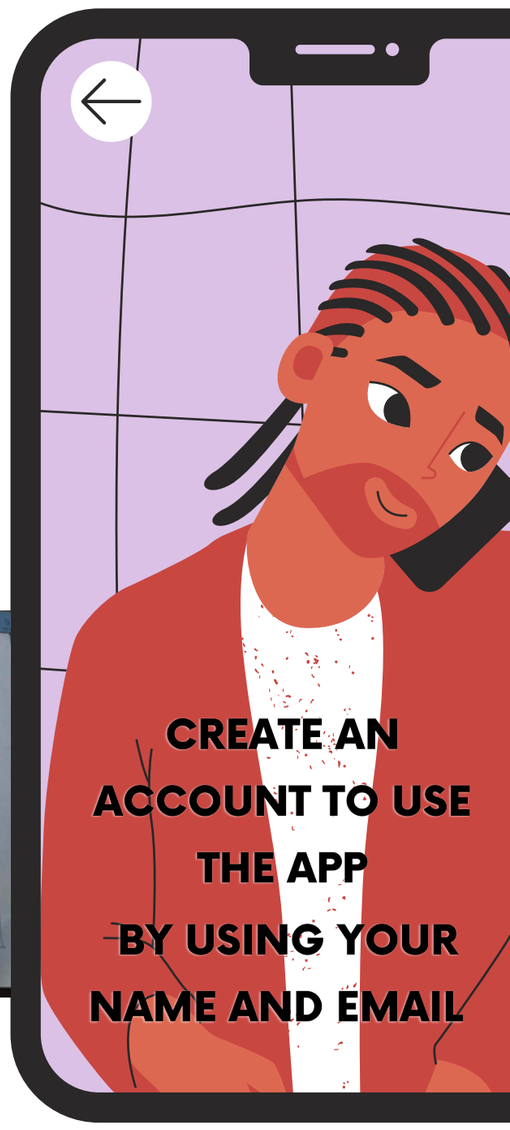
WEB SITE DESIGN AND DEVELOPMENT PROCESS

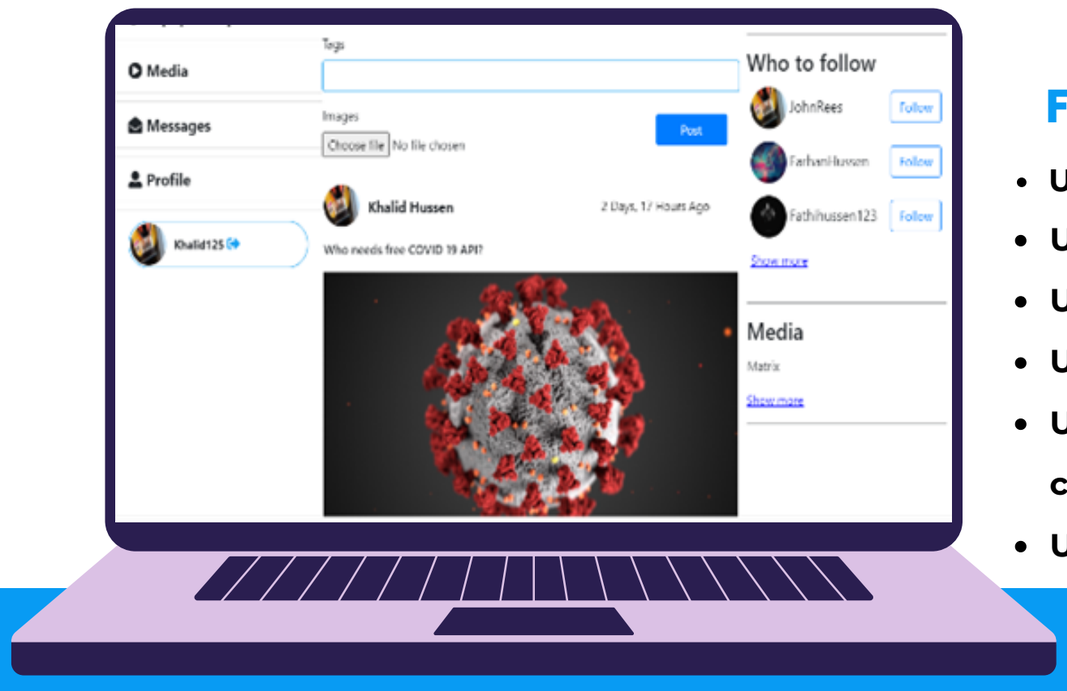


EARLY DESIGN









FEATURES

- Users can log in/signup.
- Users can upload a post.
- Users can follow each other.
- Users can leave comments.
- Users can message each other and stay connected.
- Users can like and dislike posts.

MEABLE IS A SOCIAL MEDIA PLATFORM THAT ALLOWS PEOPLE TO STAY CONNECTED

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