Objectives:

(1) To learn about HTML,CSS,JAVACRIPT,PHP and MYSQL.

(2) To build the structure of a website using HTML.

(3) To stylize the webpages using CSS.

(4) To establish connection with backend with the help of PHP.

(5) To store ,manipulate and retrieve data using MySQL

   Database management system.

Introduction:

 Mobile Phone is often also called "cellular phone". It is a device mainly used for a voice call. Presently technological advancements have made our life easy. Today, with the help of a mobile phone we can easily talk or video chat with anyone across the globe by just moving our fingers. Today mobile phones are available in various shapes and sizes, having different technical specifications and are used for a number of purposes like – voice calling, video chatting, text messaging or SMS, multimedia messaging, internet browsing, email, video games, and photography. Hence it is called a 'Smart Phone'.

But finding out right phone for right person is often a tough job . Because everyone has their own unique set of niche . Like some may wish for some unique spec or others will look for the value.

But every year, more than two thousands of smartphone gets released which in turns make things more complicated for the general mass.

"CDMA.com" can be the perfect solution for this problem. With the help of our website, one can easily look for the right mobile phone for his need.
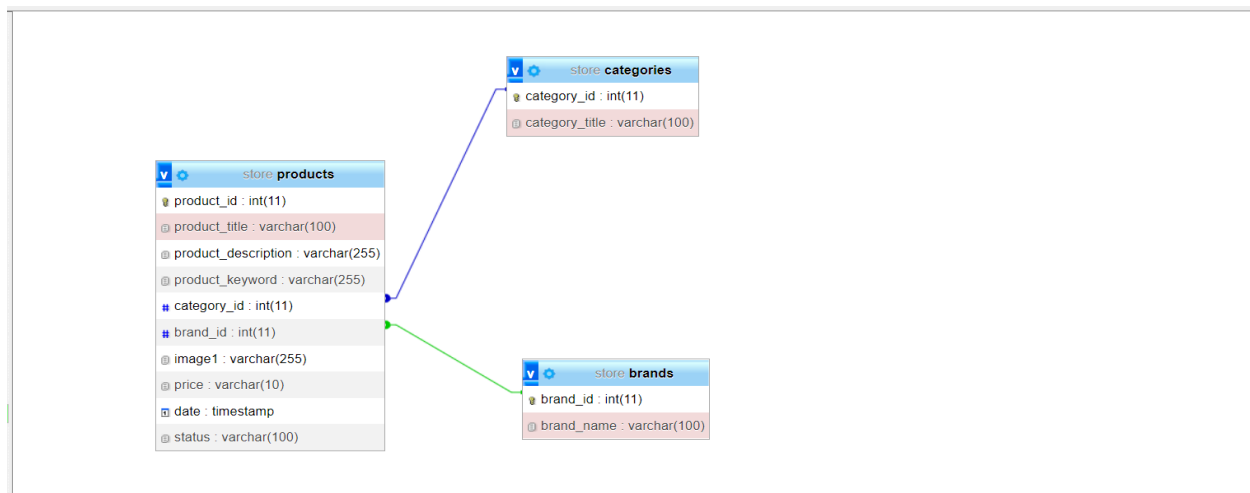
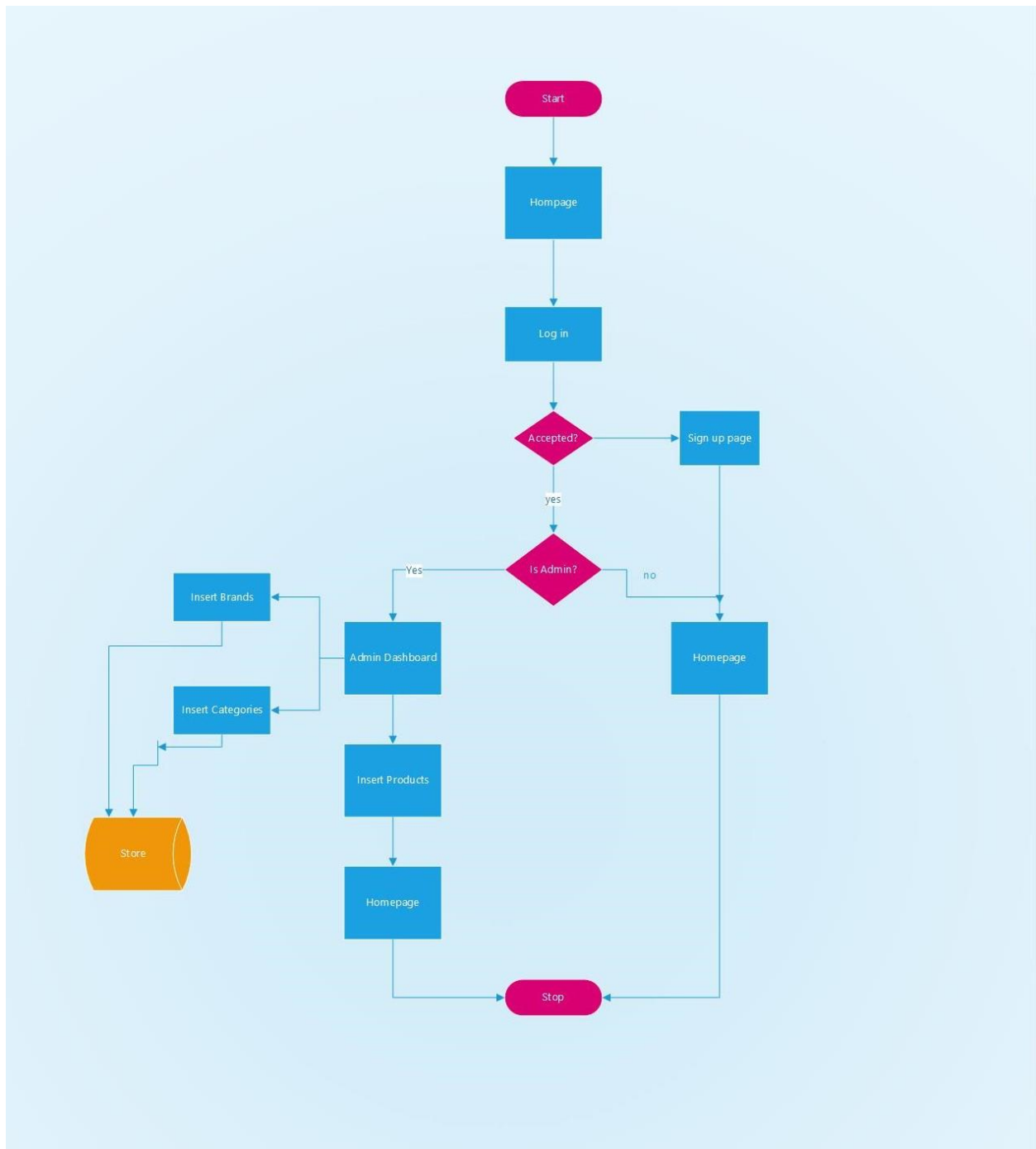## Schema Diagram:

Fig 1.1: Schema diagram.

Flowchart:

Fig 1.2: Flowchart for the website.

Detailed Visualization:

User of this website consists of,

(1) Admin who can insert the details of the phone.

(2) User who can give their particular opinion about a smartphone.
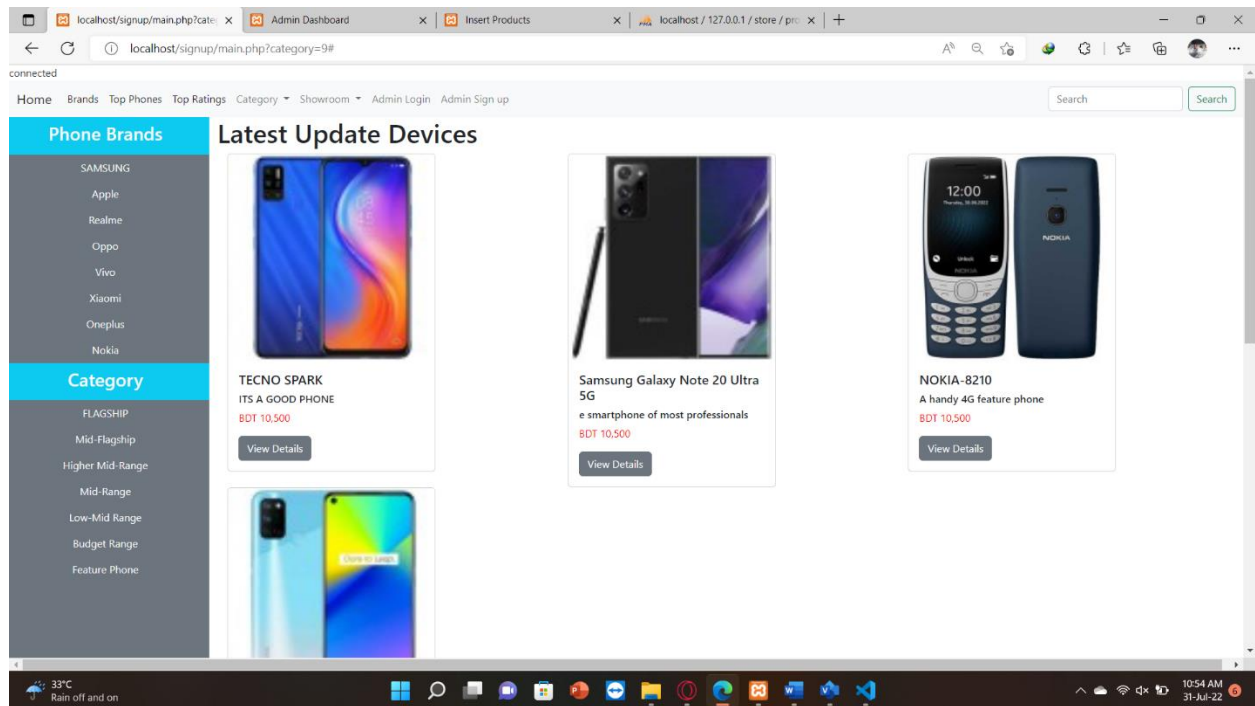
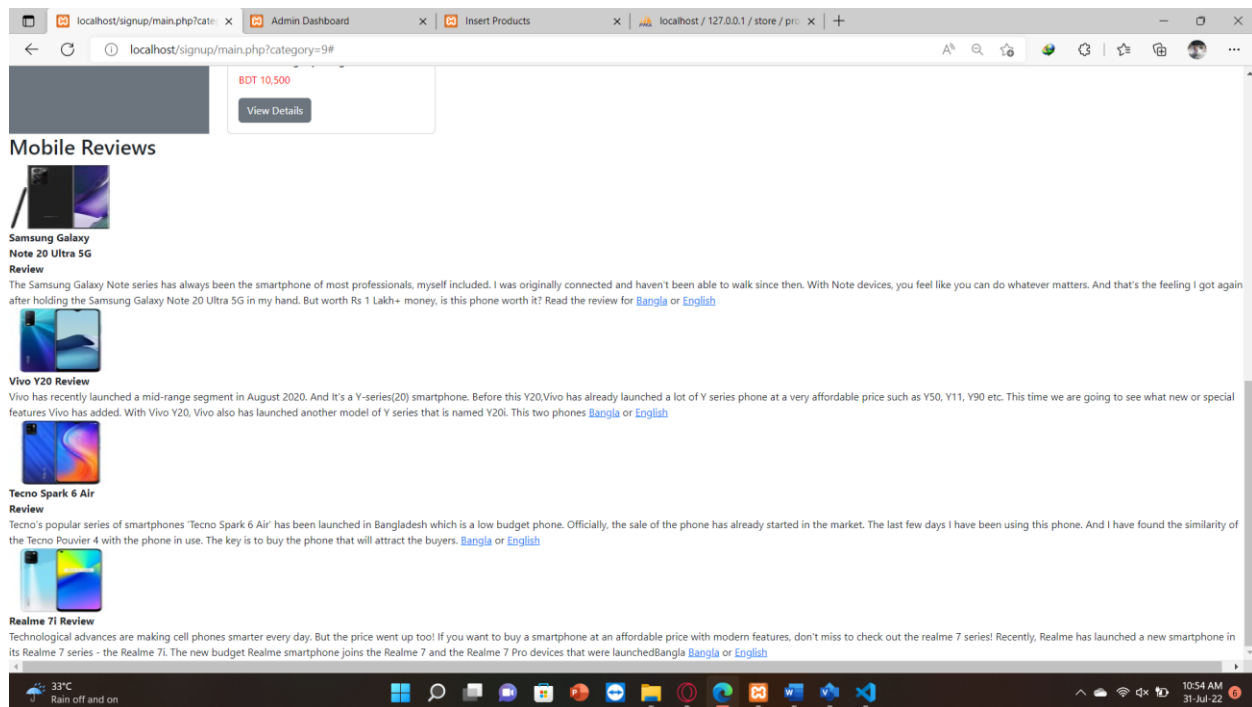Some of the section of the website are:

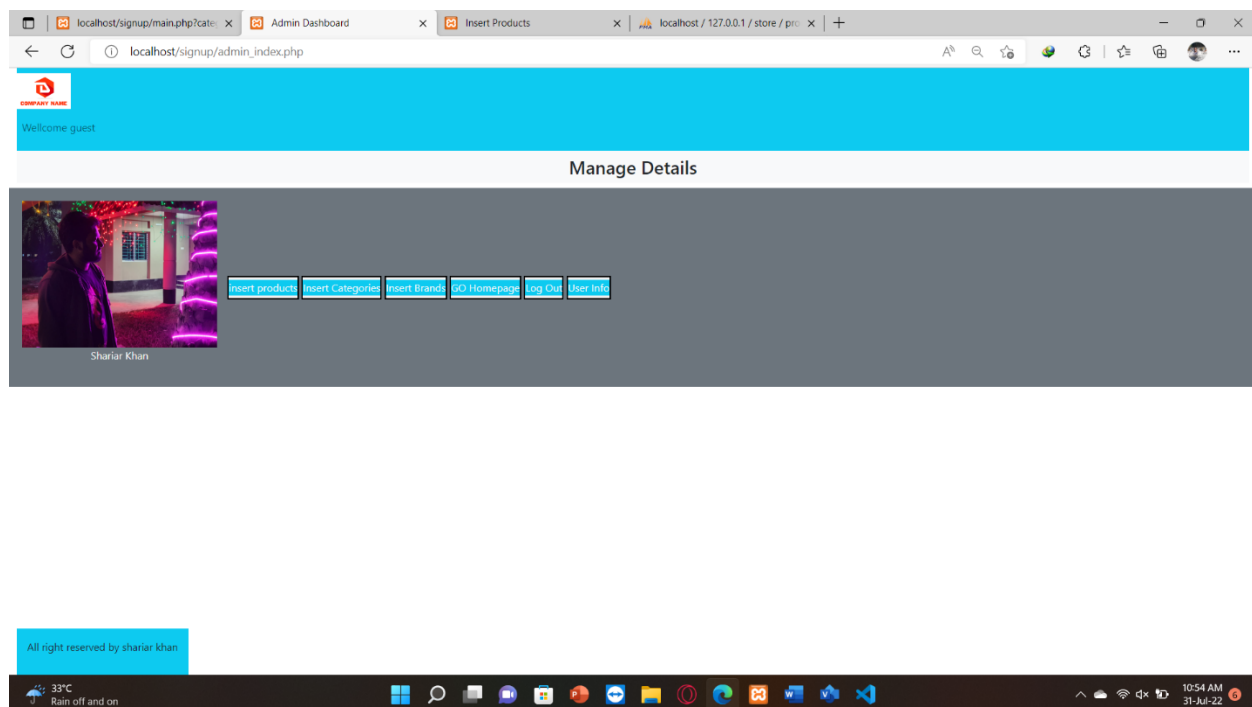Fig 1.3: Homepage.

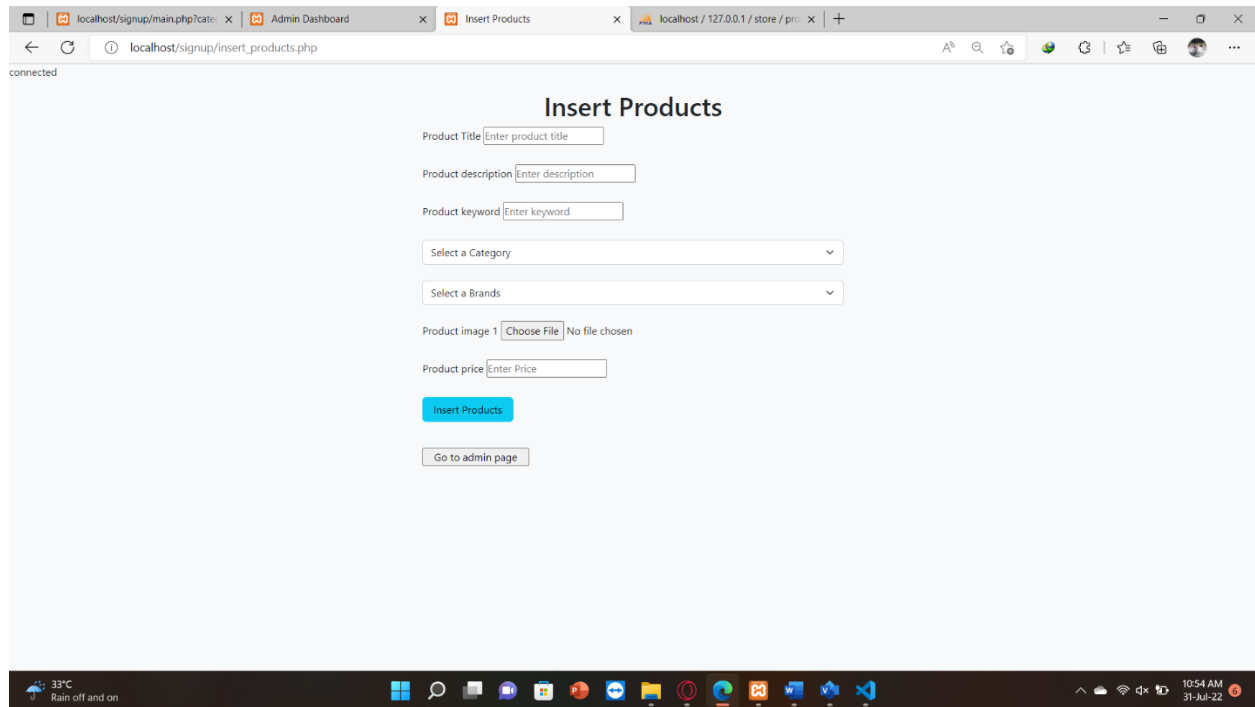Fig 1.4: Review section.

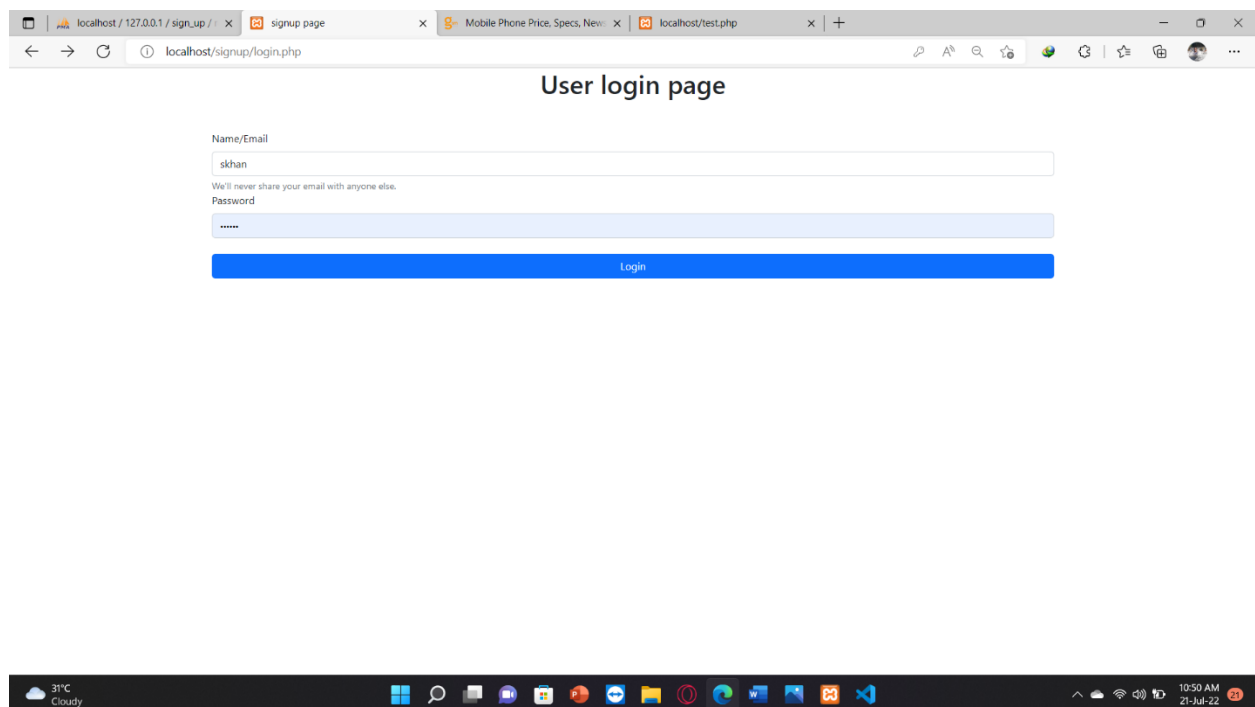Fig 1.5: Admin section.

Fig 1.6: Inserting product section.
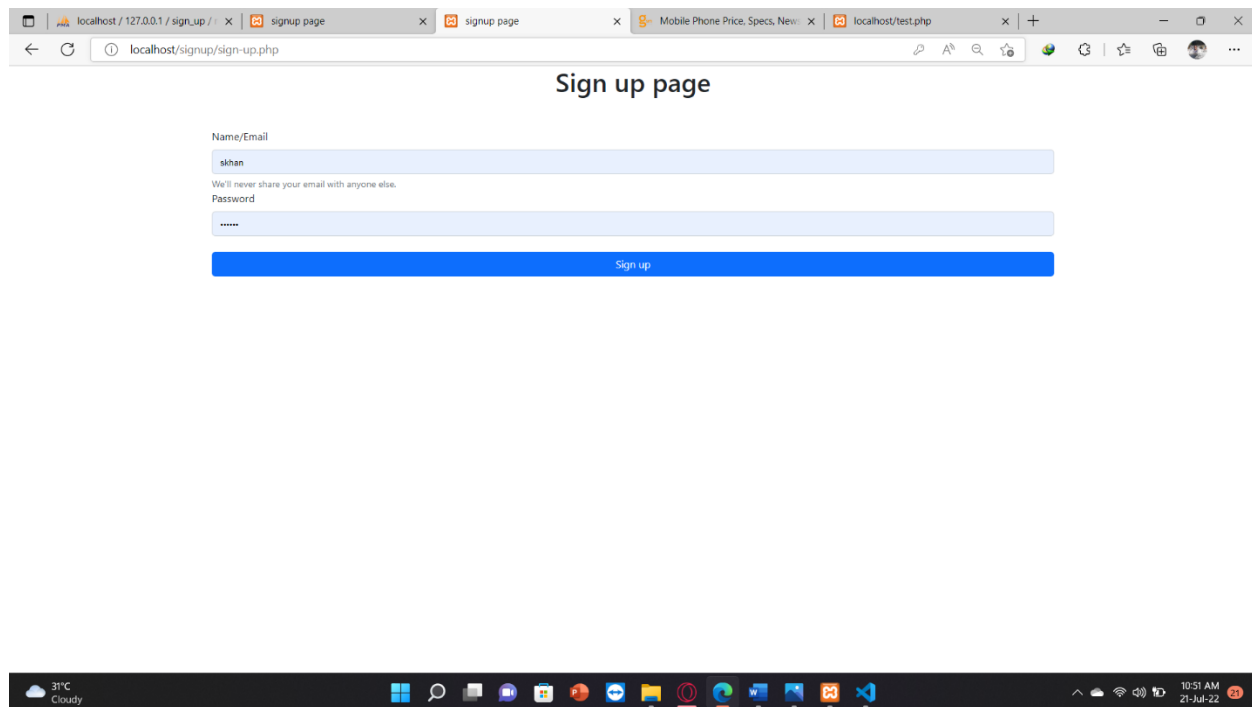

Fig 1.7: User login page.

Fig 1.8: User signup page.

Target vs Accomplishment:

My initial target was very big as I didn't know what and how much effort it would take. Even though time was limited, I tried as much as I could. My target was to make a user friendly UI and make a dynamic website and add animation to make the website more attractive . Which I wasn't able to do so. There are some other problem too. The password isn't saved in encrypted format in database. Which posses a security issue. In the end, the website is lacking some key feature to my despise but I hope it's enough to satisfy the users.

Risks and Issues:

The data is saved on local disk. As we aware that local server sometime crashes. So , a simple mistake can cause us lost of all data. And also any intruders can steal our device and can cause lost of data. There is a lack of security in the website especially our password isn't encrypted in the Database. A professional hacker may hack into our database fetch the information. Also,as the website fetch a lot of information from database, it is quite slow when a slow net connection is used.Also as the time was limited, there can also be some minor bugs as some corner cases hasn't been tested.

Discussion & Conclusion:

During this project, I learned through overcoming many difficulties. I also had the experience of creating thoughts and ideas. I also faced some difficulties while developing this project. I gained practical knowledge of developing a website. I learned to use bootstrap. I also got familiarized with HTML,CSS and JS. I learned a lot

about PHP.PHP is a very powerful language for backend development. We learned to fetch data from database. We also learned fetch info into database and dynamically show that information to my website. So this project overall played a great roll on developing my skills of web development. This set of skills will definitely help me as a web developer in the future.

References:
(1) https://www.w3schools.com
(2) https://getboostrap.com