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E-Help for Needy People

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Abstract: Our paper deals with the making of a website that comes out to be critical for the well being, during this time of pandemic. In these times during covid lockdown there was very devastating effect on the people's health and during that time people needed healthcare on urgent basis and because of the lack of resources and surplus number of covid patients there was very chaotic situation around. Our website provide a solution to this situation by making a portal online that tells people where about of all beds, oxygen cylinders and medicines. Our website also tells about people affected by it and areas that are containment zones. It has a division where we can provide rations and clothes to needy people. Our website has a way of doing it in such a way that facilities availability is there and so that in thus critical time our website can serves people in a better way.

I. INTRODUCTION

Corona viruses are a family of viruses that can cause respiratory illness in humans. They are called "corona" because of crown-like spikes mounted on the surface of virus. Severe acute respiratory syndrome (SARS), Middle East Respiratory Syndrome(MERS) and the common cold are examples of corona viruses that cause illness in humans. Covid pandemic has caused a very devastating situation across the world. This pandemic has caused the situation where all the hospitals are filled with patients and there is a troublesome condition around the world and people are getting the most badly factorized by across the world. There were different kinds of waves involved in this pandemic with viruses getting different variant. This is an airbone virus which means if you are a reflector or condominated by it you are even close you're not able to see your family and you are in complete isolation so thatie solution so that makes it very fast spreading and very deadly one at the same time. And because it is spread so fast the number of patients just went high and there was no current meditation for it which made hospitals very vulnerable in this situation that they are not able to handle the current situation. When patients were getting to hospital there was lack of beds and oxygen cylinders and basic facilities needed for treatment of virus and these conditions were prevalent in the affected areas. Areas that were not badly affected had medical conditions in better state. Is the wireless affected people needed oxygen cylinders and they were lacking in the whole country. The situation was worse sicne number of deaths were getting so high that dead bodies were piling up, family members are not allowed to take their dead bodies. The was out of control and medical facilities has been severly affected by it. There was a huge void in our medicinal sector people were afraid some of them are far far away from their family, roads were silent, everyone was so afraid to come out of their home. A lot of misconception were spreading no one knows what to do. People were just listening and try to do whatever they could do to save their family. Even after the vaccination come out the supply was not enough for the whole country to get vaccinated. At this time when the government and the medical facilities are no tool and are all services are down. It's time for people of India to come forward and help the country in this critical situation so situation could get better for us. As we know in this time a lot of misleading information is spreading and people are looking for help in any way. Our website comes in picture during these critical times. Our website provide information if there are some beds available near them, they will get to know if any vaccine slot are coming out, if there is food available for someone, they will get to know about the latest news around the world. Our portal will served as a platform where they can get help regarding resources and they can even help someone who need such kind of resources. We will directly lead them to the resources and people who could help them with any delay or with proper authenticity. These resources are very crutial during these times and website will come handy for them.

II. IMPORTANT COMPONENTS

A. Backend language: JavaScript:

JavaScript is a programming language used in web development. It is mainly used in the front-end of web development. But are the year 2009. World has changed in that year Node.js is discovered at that time. Which is can be used as working environment for JavaScript. To run java Script, engine is required like for front-end V8 engine is present in chrome which runs JavaScript. And in Node.js V8 engine is used because of that it is used as a working environment for JavaScript.

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Our website back-end is on Node.js and frame works are used like express.js for backend for easy routes and apps use that make it a very robust application. .

```
const express = require("express");
const mysql = require("mysql");
const path = require("path");
const dotenv = require("dotenv");
const cookieParser = require("cookie-parser");
//.hbs template or view engine just provide to inject js easily.

const app = express();
const port = 3000;

dotenv.config({ path: './.env'})

const db = mysql.createConnection({
//by default xampp have these specification.env is use of protect it.
    host: process.env.DATABASE_HOST,
    user: process.env.DATABASE_USER,
    password: process.env.DATABASE_PASSWORD,
    database: process.env.DATABASE
})


db.connect((error) => {
    if (error) {
        console.log(error);
    }
    else
```

A. Login Verification

1) *JWT Tokens:* JSON WEB TOKEN(JWT in short) is a internet standard protocol for creating data with optional signature and optional whose payloads holds JSON that asserts some number for claims. These tokens are signed either using a private secret or a private/public key. For example, it is used for login credentials JWT tokens are used for most of the MNC companies JWT token a unique token for every user when they try to login. These tokens also have a expiry date that helps and protect the users data and credentials for hackers. The token can be signed by one party's private key so that party can subsequently verify the toke is legitimate.

B. Database: MYSQL:

In Technology world, a database is an organized collection of data stored and accessed electronically. Our machines only understand one language i.e. machine language which consist of 0's and 1's. Small databases can be stored on a file system, while large databases are hosted on computer clusters or cloud storage. In the early time when the technology was not advanced, hard copy files are used to store the company data by the big companies that required lot of hustle. They requires large spaces to store the data. If they want to find some data that is very difficult to look in the files. After some time when technology become a little advanced database were start using but at that time data was very clusture it was not in a proper format like messy. No organized way. After that SQL language was did covered that helps data to store in a organized. Mysql is a type of database that stores data in a relational way. Data stores in column format and reaching, deleting, sorting becomes very handy just by a simple command. Our website e-help for needy people store data in MYSQL database that store the data of users like their login credentials, email, password, their name, they city, their state.

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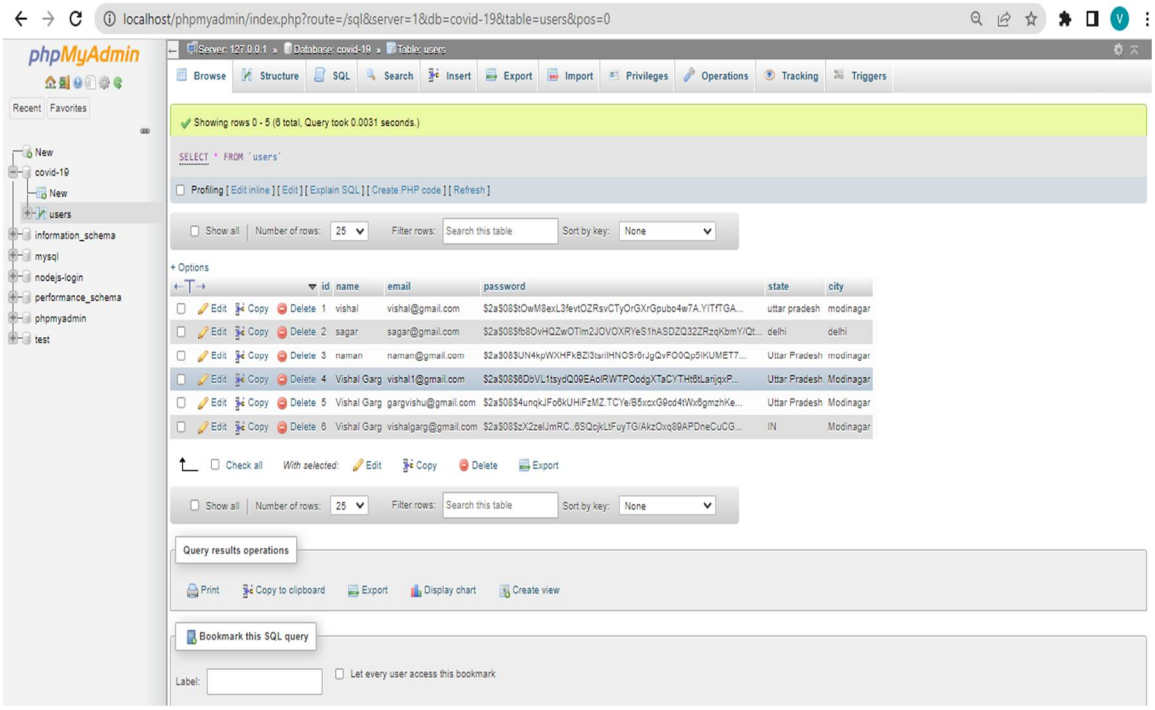
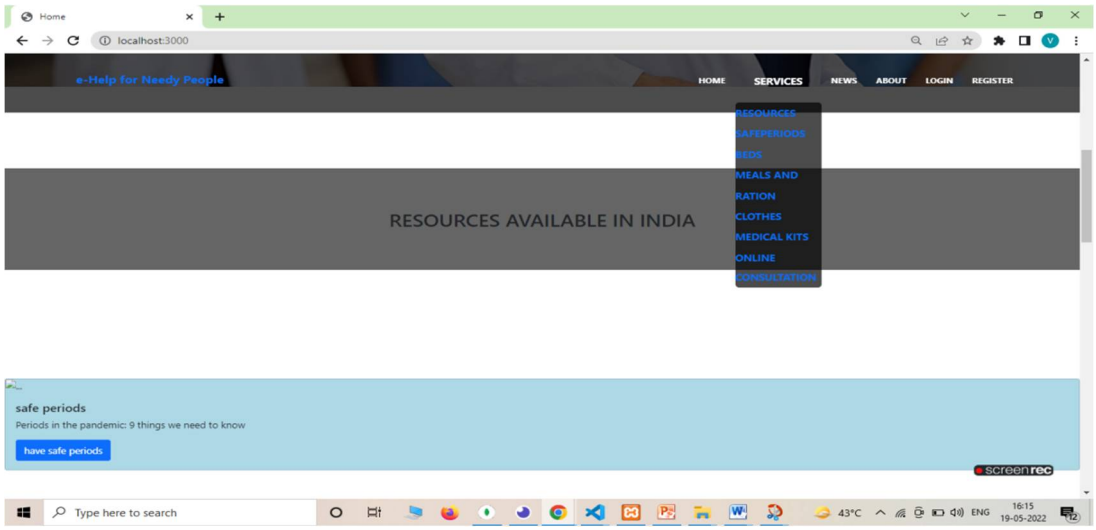


Figure .2.Database MYSQL.

B. FRONT-END: HTML, CSS, JAVASCRIPT:

At its heart, HTML is a language made up of elements, which can be aapplied to pienes of text to give them different meaning in a document, structure a document into logical sections, and embed content such as images and videos into a page. The HYPER TEXT MARKUP language or HTML is the standard markup language for documents designed to be displayed in a web browser.

CSS(CASCADING STYLE SHEETS) is style sheet language used for designing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the WORLD WIDE WEB, alongside HTML and javaScript.CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share d=formatting by specifying the relevant CSS in a separate. CSS file, which reduces complexity and repetition in the structure content, and enable the CSS file to be cached to improve the page load speed between the pages that share the file and its formatting.

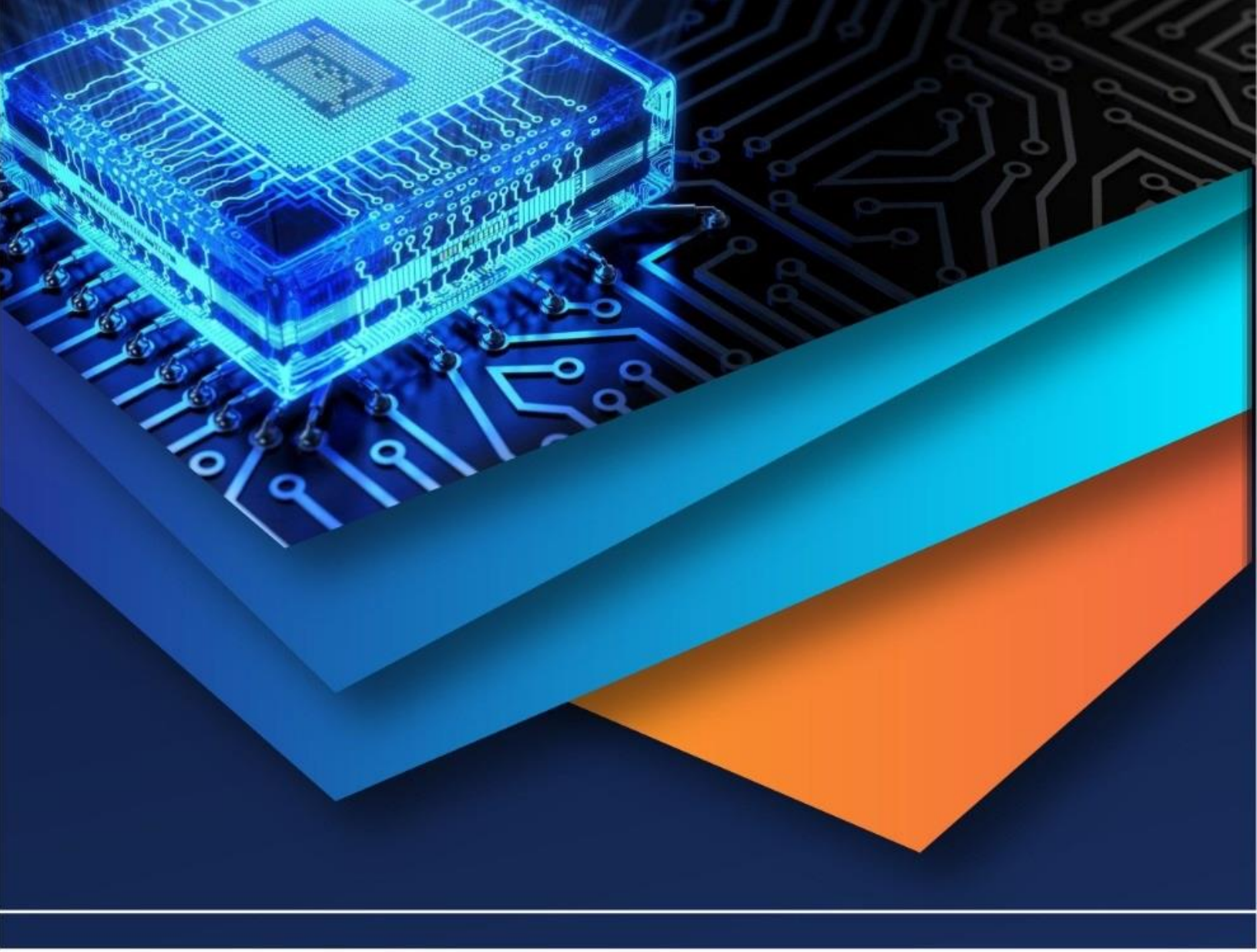


III. CONCLUSION

The main aim of this project is to help people in this critical time. Resources are scattered over internet. If someone requires medicine or beds near their homes they have to search from one website to another. Or if they get some information over internet then they are not sure if the information is correct. Our website is a platform where people can get resources in a on single platform. They can get resources like beds availability, vaccine slot information, they can even help people near them if they are in need of food or clothes. People are facing lot of mental stress, our portal help people to find a best consultant near them. It is one single pack for all of the people problem

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