
PROJECT TOPIC: Worldwide COVID-19 (Health and Wellness)

Project Group Members:

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About the Project:

We are going to build a web application pertaining to pandemic COVID-19. Our Web Application will be built using web languages and web frameworks. In this application, first we are creating a signup/register page through which a user can register on our website. The user can register them by their mail id. After login, users get to know all the information about coronavirus, its effects and remedies. Users can also get the live status of the covid-19 cases. We are also including an update section where users can give their views/suggestions about covid-19.

Some main topics we are covering:

1. What is Coronavirus, from where it starts spreading, and history of coronavirus?
2. How it affects our health, what are the symptoms of corona positive?
3. Government Norms about corona virus protection, safety measures.
4. Health and Wellness tips which includes herbal medical details, about yoga, etc.
5. Live Status of Coronavirus
6. Suggestions message bar
7. Contact Information










When the user login to our website then they can see some sections which contain the glimpse of some topic discussed above and by clicking on the links the user can go to the real page which will get all the information about that topic.

We will use Front-end as well as Back-end technologies for making our web application. By using HTML, CSS, JavaScript and Bootstrap we will create our UI (user interface) section. We will work on NodeJS and ExpressJs to fetch out live data from API. We will also use EJS Templating for reusability and simplicity of our code. We will use MongoDB for storing our data.

Motivation:

The main aim of our project is to target thousands of users to use and engage with our app. Our main agenda for creating this web app is to develop awareness among people about covid-19 and its effects. We also want users to get live status of coronavirus cases every time they login. We also take care that we provide them with the best Health and wellness tips, so they remain healthy and fit. We will provide a platform where users can write their suggestions pertaining to coronavirus. We will provide most of the information in one place so that the users need not to go elsewhere to collect information for COVID-19.

Project Planning

Tasks	Duration (20, July 2020 to 30, October 2020)			
	July	August	September	October
Understanding problem				
Topic Finalization				
Project Synopsis				
Wireframe				
Mockup + Review				
Learning NodeJS and other frameworks				
Content Creation				
Model Implementing				
Testing and Review				
Launch				LIVE

Tools required:**1. Hardware Requirements:**

>> Personal Computer with minimum of 4GB RAM and core i3 Processor.

2. Software Requirements:

>> Windows Operating System.

>> Integrated Development Environment (IDE) -Visual Studio Code 1.47 / Atom Editor

>> GitHUB Desktop 2.5.3

3. Language and Framework Requirements:

>> HTML 5

>> CSS 3

>> Bootstrap 4 / 5

>> JavaScript

>> NodeJS 12.18.3

>> ExpressJs 4.17.1

>> MongoDB 4.2.8

>> EJS Templating

Signature of Project Guide: _____