WCE HACKATHON 2021

Round 1: Idea Submission

Team Name: SGGS ICONS

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Theme: Healthcare Solutions

Track: Health

Project Name: Virtual Medical Checkup

Project Abstract:

What problem does it solve?

Today's web-based technology offers many online services in almost every field. Every major industry is converting and establishing a digital front for all their major operations to get closer to the booming digital market. In today's world the information flow is very fast and redundant means won't add to the betterment of the individual or the organisation that's using them. Online connectivity is now a must for all the well organised and well managed establishments. One such field is Healthcare where the digitisation of information should happen rapidly and efficiently. This paper addresses that particular region and paves a way for the creation of a software that helps to an easy transition from paperwork to e-papers. The paper describes an idea of such a web-based platform that eliminates the need of paper prescriptions in the Hospitals that proposes E-Medical Management which will increase the efficiency of patient management, schedule management of the doctors and give universal access to the patient data anywhere in the hospital as well as patient can access their data from mobile.

Market Research:

 The healthcare sector covers an array of organizations providing goods and services to treat patients. B2B International has experience throughout the value chain from research and development to manufacturing and the supply chain, all the way through to the point at which the patient receives their care.

In addition to research focused on goods and services to treat patients, we have conducted market research from the healthcare professional perspective, covering products and services that support healthcare workers and administrators, as well as positioning research for hospitals and health systems, including research to inform:

> Healthcare professional and administrator satisfaction with technology to support patient care in hospitals and health systems.

> messaging of healthcare organizations including message/ customer value proposition testing.

> In today's situation its really need to be go online to avoid public interactions specially in hospitals.

Technology Stack:

HTML , CSS , JavaScript , PHP , Bootstrap , SQL

Innovativeness and Show Stoppers:

(Innovation aspect of the project and special features that it provides)

Here are the some features that site will provide

- This application provides logins to the users
- Fix your virtual appointment
- Consult with Doctor by video conferencing
- Best doctor recommendations
- Download your prescription
- Order medicines prescribed by doctor
- Flexible payment methods

Approach of Development:

In this pandamic situation it's really risky to visit hospitals if we fall ill like fever, caugh , cold , Headache , Body pain etc . To avoid public contact and crowdy places we can shift to online. For that purpose we have created online server for the hospitals in which we can fix appointment without waiting in line for hours.

Also We can easily manage virtual meeting with doctor either video or voice call also we can order medicines which are prescribed by the doctor also all the employees are working from home up to 12 to 13 hours a day so that they can face some health issues so the videos related to that is also available on server.

If the patient had already registered on site then he had to only login with his email and password then he can easily contact the doctor according to his symptoms the site will suggest the doctors. If the person didn't have account then he can register and create his account and contact with doctor.

Use Case Diagram/Flow Diagram: