



NORTH SOUTH UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
PROJECT PROPOSAL

VACCINATION REGISTRATION
WEBSITE

DATABASE SYSTEM LAB
CSE311L
SECTION: 5
SEMESTER: SUMMER 2021

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Introduction

The COVID-19 pandemic has caused a significant loss of human life over the world and poses an enormous public health threat. As a developing country, Bangladesh is at a higher risk. Recently, the Bangladesh government started mass vaccination. In this process, we have to do registration on a website which is "surokkha(.)govt(.)bd". However, this website is not as effective as it should be. The website is not verifying every information properly such as every type of student can complete the registration by filling in wrong information etc. Our website will check all information provided by the user are correct or not. Also, the user can set the vaccination venue at their convenience.

Objective

- To easily register for vaccination from home.
- Get to know about the process of registration and vaccination venues.
- To print vaccination card easily.
- To know about the steps after registration.

Target Users

People of Bangladesh, who want to get vaccinated. They will register from this website and will get a unique vaccination card that they can download and print.

On the other hand, government and other organizations will use it to save the huge hassle of registration on spot and reduce the risk of the spread of Covid-19. They will also know how many people registered for vaccination.

Value Proposition

This website will save them the time and trouble of going for a spot registration process. It will also save money by eliminating the need for a vast number of volunteers to hold a spot registration. It will also reduce the risk of getting affected by Covid-19. As it is an automated process no one needs to monitor it.

Web Application Feature and description

The web page will open with the user view. It will be the general view and anyone accessing the domain will be able to view it. This view will show step by step process of registration. Users can follow those steps do the registration for vaccination. Once they complete registration, they can:

- Print Vaccination Card
- The number of the registered user will increase on the website
- Users can see their status

Also, users can see various instructions about Covid-19, the vaccination process as well as vaccination locations.

Tools and Resources

HTML

CSS

BOOTSTRAP

Javascript

MySQL

Django

Web server

API for email

Challenge

The biggest challenge is data collection and cost. We need data on the NID of the people of Bangladesh. It is impossible for us to get without the help of the government. As there will be a huge data, we need a huge database which will increase the cost. We will need to check if the data entered are reliable or not. The user interface needs to be simple so that ordinary people can utilize it. Finally, establishing strict security on the website will be hard.