COVID-19 (corona) Online Test Results & Vaccination Booking of Hospitals based Mobile App

Online Registration System is a framework to link various hospitals across the country for email id and mobile number based online registration and appointment system, where counter based OPD registration and appointment system through Hospital Management Information System (HMIS) has been digitalized. Portal facilitates online appointments with various departments of different Hospitals using email id.Patient Mobile number is verified using email to make sure the vaccination and test results reach for correct patient.

Total number of Hospitals for which appointment can be taken through web along with their departments for which online appointment can be taken can be seen in reports. Detail reports showing information about New and Old patients taking appointment through this portal can be seen.Hospitals can come on board this platform and provide their appointment slots for online booking by patients. The system facilitates Hospitals to easily manage their registration and appointment process and monitor the flow of patients.

**Software Requirements: –**

Front-End : HTML, CSS, and JS

Back-End : Python, MySQL

Tool : XAMPP 3.2.1

Framework : Django 3.2.8

**Module List**

**Admin**

* All Patient details
* Report of Booknig - Covid test/vaccination
  + Test report, Vaccination (Between Date filter report)
* List of vaccine -
  + Vaccine name, count , available or unavailable
* Approval Hospital Login
* List of hospitals

**Hospital**

* Register
* Login
* List of patient details
* Request from patient (Covid test/Vaccination)
  + Approve or Reject
* Update Covid test result
* Update Vaccination status

**Patient**

* Register
* Login
* Search Covid Test/Vaccination hospital
* Request for Covid Test/Vaccination for hosptial
* Report of covid test/Vaccination taken
* Book Hospital appoinment
* My appoinment
* View Results
* My profile