DEPARTMENT OF COMPUTER ENGINEERING & APPLICATIONS
INSTITUTE OF ENGINEERING & TECHNOLOGY

Topic: MINI PROJECT SYNOPSIS ON Covid19
Testing Management System

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DECLARATION

We certify that the work contained in this report is original and has been done by us under the guidance of my supervisor(s).

a. The work has not been submitted to any other Institute for any degree or diploma.
b. We have followed the guidelines provided by the Institute in preparing the report.
c. We have confirmed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.

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Introduction:

1.1 Overview of the Project

We are working on Covid-19 Testing Management Report, in which we are planning to maintain the Covid reports that is generated after testing the Covid-19 using PHP and other Front-End Technologies. It is very useful to analyze the numbers of persons who have done the vaccination. So their will be different different modules like Admin Center in which Diagnostic Center can update their reports on the portal and user can check their report and even can download their report from User module.

1.2 About the Project

As the COVID-19 crisis endures and the virus continues to spread globally, the need for collecting epidemiological data and patient information also grows exponentially. The race against the clock to find a cure and a vaccine to the disease means researchers require storage of increasingly large and diverse types of information; for doctors following patients, recording symptoms and reactions to treatments, the need for storage flexibility is only surpassed by the necessity of storage security. The volume, variety, and variability of COVID-19 patient data requires storage in database management systems.

1.3 Working Methodology of the project

- Admin Module
- User (Patience) Module

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Admin Module

Admin can log in through the login page

- **Dashboard**: In this section, the admin can see all detail in brief like the total, assigned and the sample collected and completed tests.
- **Phlebotomist**: In this section, the admin can manage Phlebotomist (add, update, delete).
- **Testing**: In this section, the admin can manage all the tests like assign the test to Phlebotomist and update the history.
- **Report**: In this section, the admin can generate two types of report. One is between dates reports and another one is by search. Admin can search the report by order number, name and mobile number.
- **Notification**: In this section, the admin will get a notification for every new test request (notification bell).

Admin can also update his profile, change the password, and recover the password.

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User (Patience) Module

User can visit the application through a URL.

- **Testing**: This section divided into two parts. One is for new user and another one is for registered user. New user(First-time user) needs to provide personal and testing
- **Information**. A registered user only needs to provide test information, their personal information will be fetched from the database.
- **Report**: In this section, Users can search their test report using order number, name and registered mobile number.
- **Dashboard**: In this section, the User can see the in which State of how many tests are done.

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System Requirements:

a) Technology Used:

- HTML
- CSS
- JavaScript
- PHP for Login

b) Software:

- WebStorm for Front-End
- Xampp for Apache Server
- PHPStrom for PHP
- Chrome for Inspect Layout

c) Hardware Required:

- Ram: 8GB
- Hardisk: 500GB
- 2 GB Graphics Card For Graphical Work

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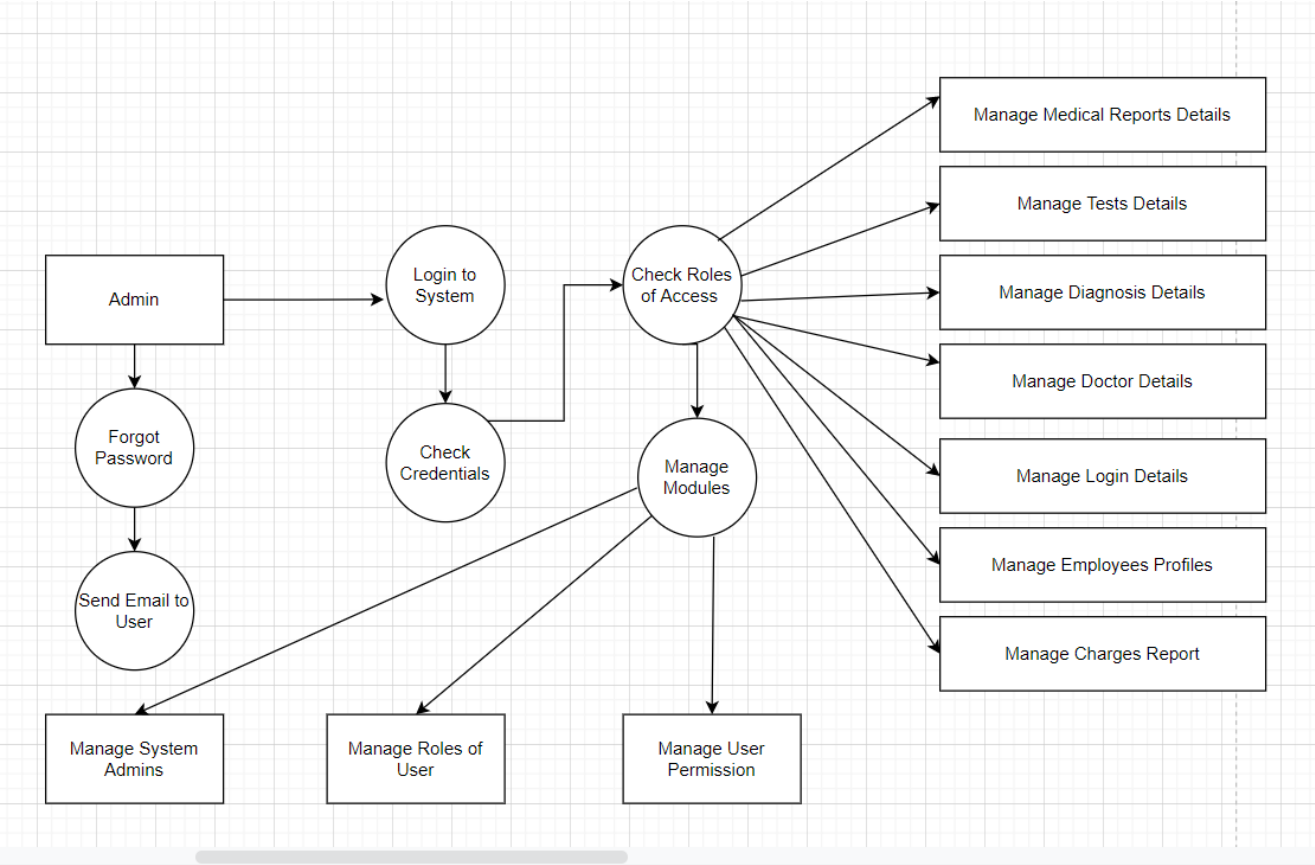
Dataflow Diagram (DFD)



References:

- https://www.w3schools.com/php/
- https://www.javatpoint.com/php-tutorial

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