



**LAL
BAHADUR
SHASTRI**

GROUP OF INSTITUTIONS

PROJECT PRESENTATION ON,



**COVID-19
RESPONSE**

COVID | MANAGER

PROJECT TITLE – COVID MANAGER

SUBMITTED BY :- AYUSH M SRIVASTAVA

UNDER SUPERVISION OF :-

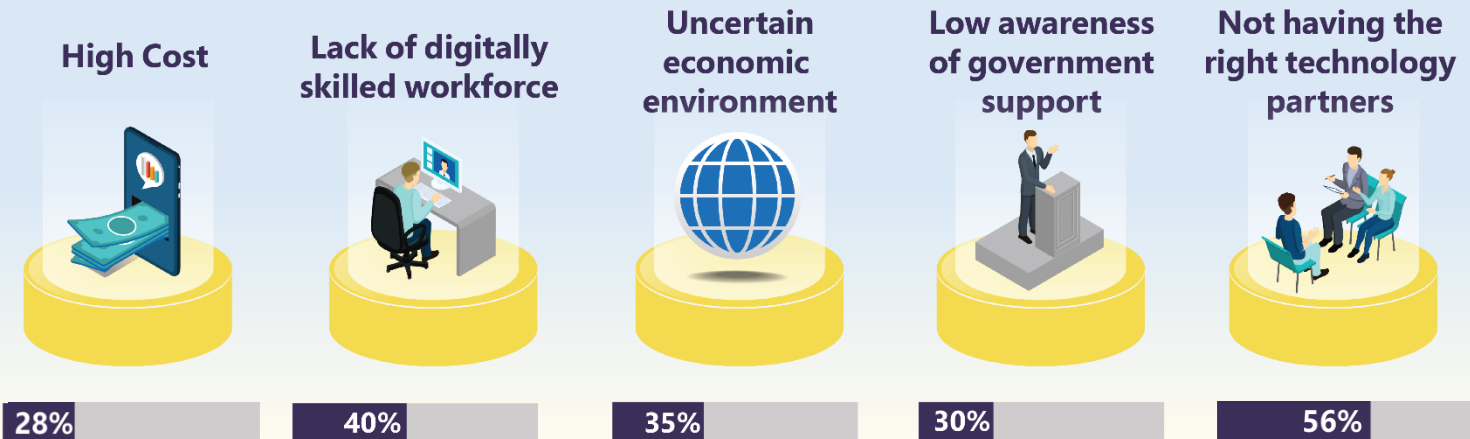
Faculty Name:-

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INTRODUCTION

Barriers faced by SMEs in their digital transformation journeys are exacerbated by COVID-19



Amidst the global impact of COVID-19, there is an urgent call for innovative solutions to effectively manage vaccination and testing. The pandemic has prompted a shift in health management practices from conventional to digital methodologies. Recognizing this evolution, the COVID-19 Management Application is conceptualized. It responds to the changing landscape of healthcare, integrating technology into traditional vaccination and testing processes. As societal norms evolve, there is a critical need for user-friendly systems to navigate health responsibilities. The application aims to address this demand by offering a holistic platform for both users and laboratories, facilitating seamless management of vaccination and testing-related information.

PURPOSE

User Management

Provide real-time updates and reminders to ensure users stay informed about their health commitments.

Facilitate a user-friendly interface for scheduling vaccinations, accessing test results, and managing associated documentation.

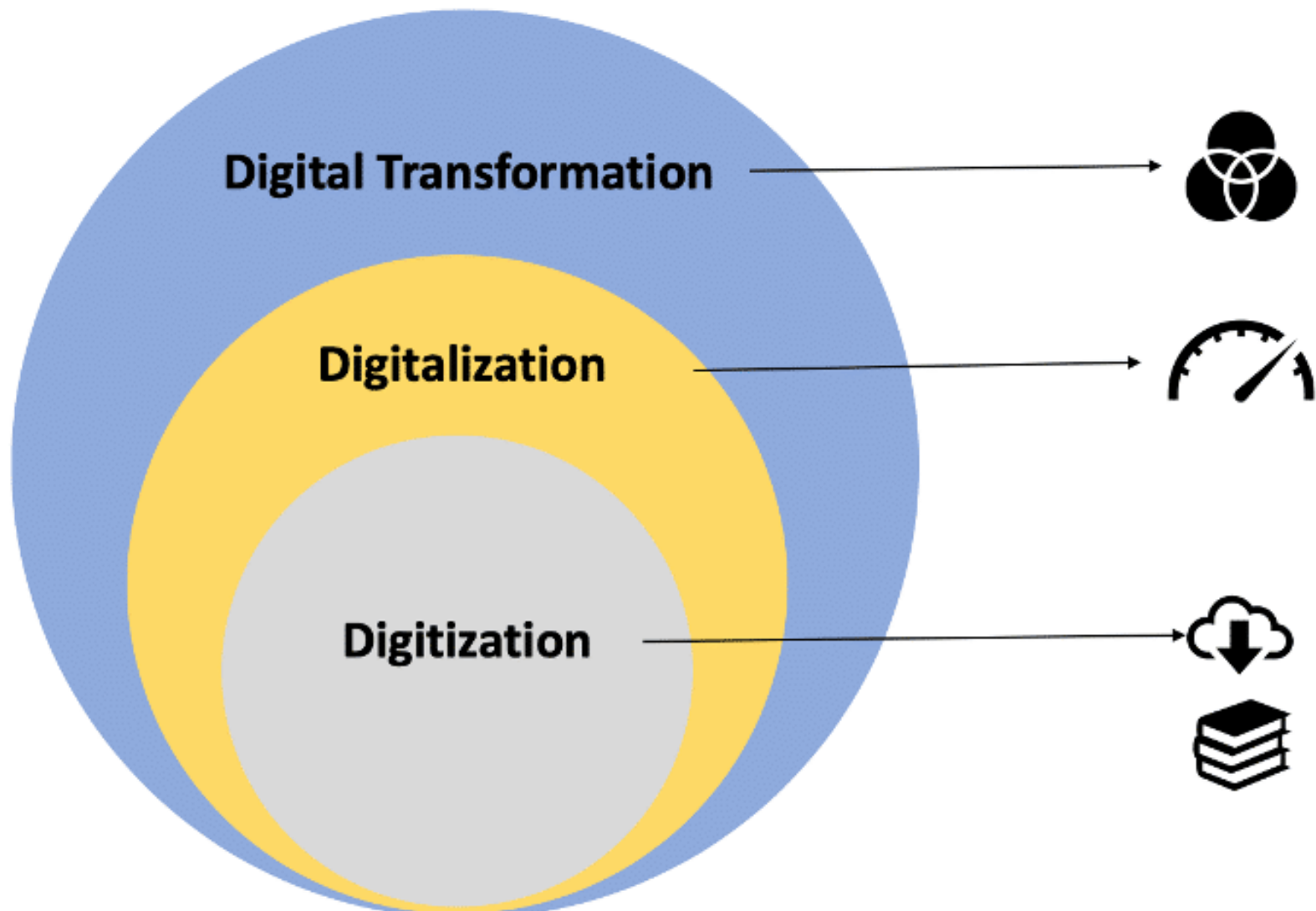
Empower users to effortlessly oversee their vaccination and testing-related responsibilities.

Lab Management

Enhance collaboration between healthcare providers and users through a centralized platform.

Streamline the process of result reporting, ensuring accuracy and timely availability.

Enable laboratories to efficiently update results and certificates for users to access.



SCOPE

User-Friendly Interface: Designing an intuitive and easy-to-use interface for users to manage their vaccination appointments, view test results, and access certificates.

Real-Time Updates: Implementing a system for instant notifications and reminders to keep users informed about upcoming vaccinations and test result availability.

Document Management: Creating a secure repository for users to access and manage their vaccination certificates and test results.

Laboratory Integration: Developing a seamless interface for laboratories to efficiently update and manage test results and certificates.

Data Security: Prioritizing the security and confidentiality of user data, adhering to industry standards and regulations.

PROBLEM

Fragmented Information:

- Inefficient management of vaccination and testing information, leading to fragmented data and potential delays in accessing critical health updates.

Communication Gaps:

- Lack of streamlined communication between users and laboratories, resulting in delays or confusion regarding test results and vaccination schedules.

Documentation Challenges:

- Difficulty in organizing and accessing vaccination certificates and test results, hindering individuals in meeting travel, workplace, or health-related requirements.

Data Security Concerns:

- Risks associated with the security and privacy of health-related data, necessitating a robust system to safeguard sensitive information.

TOOLS & TECHNOLOGY

TECHNOLOGIES,



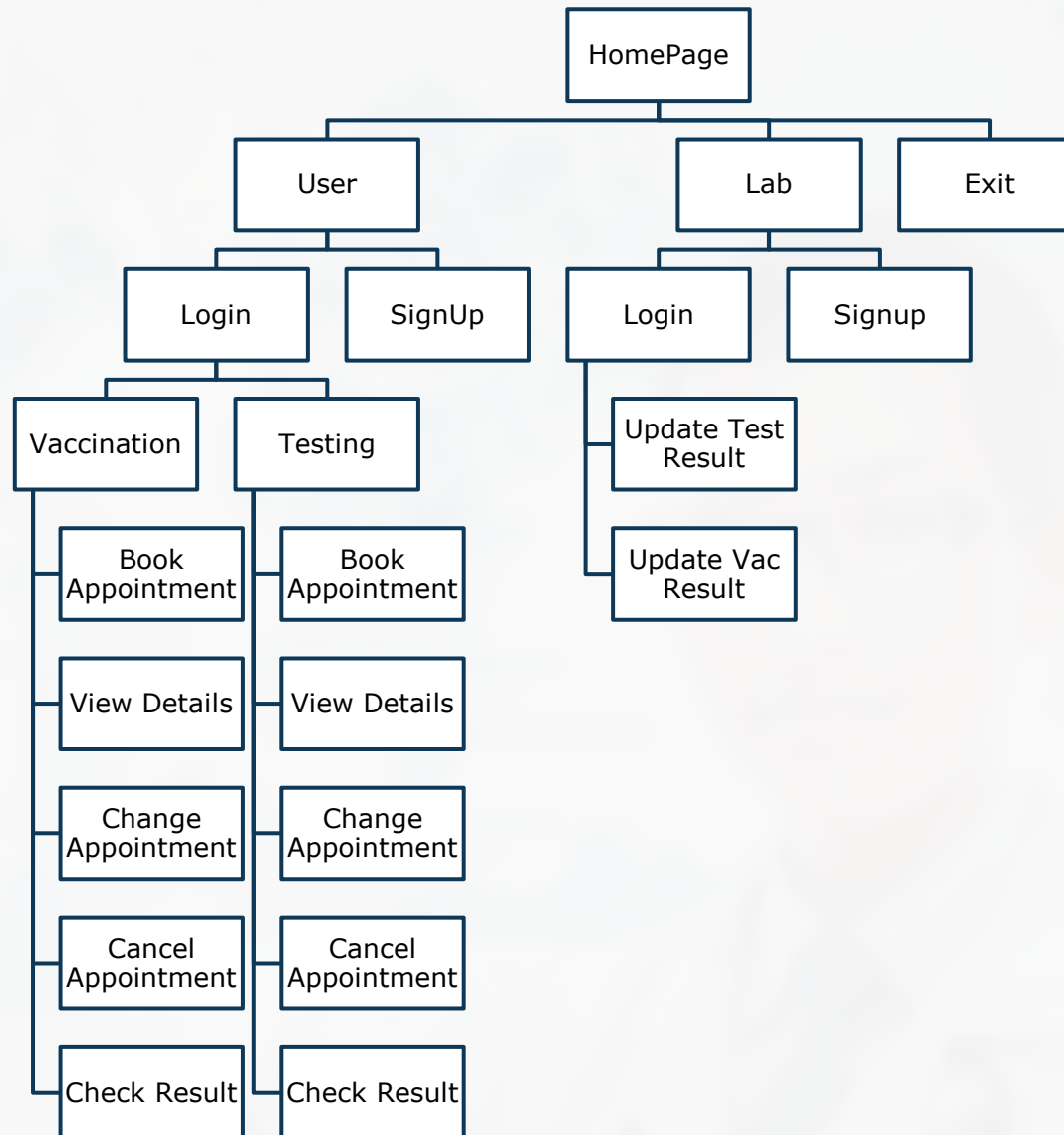
OPERATING SYSTEMS,



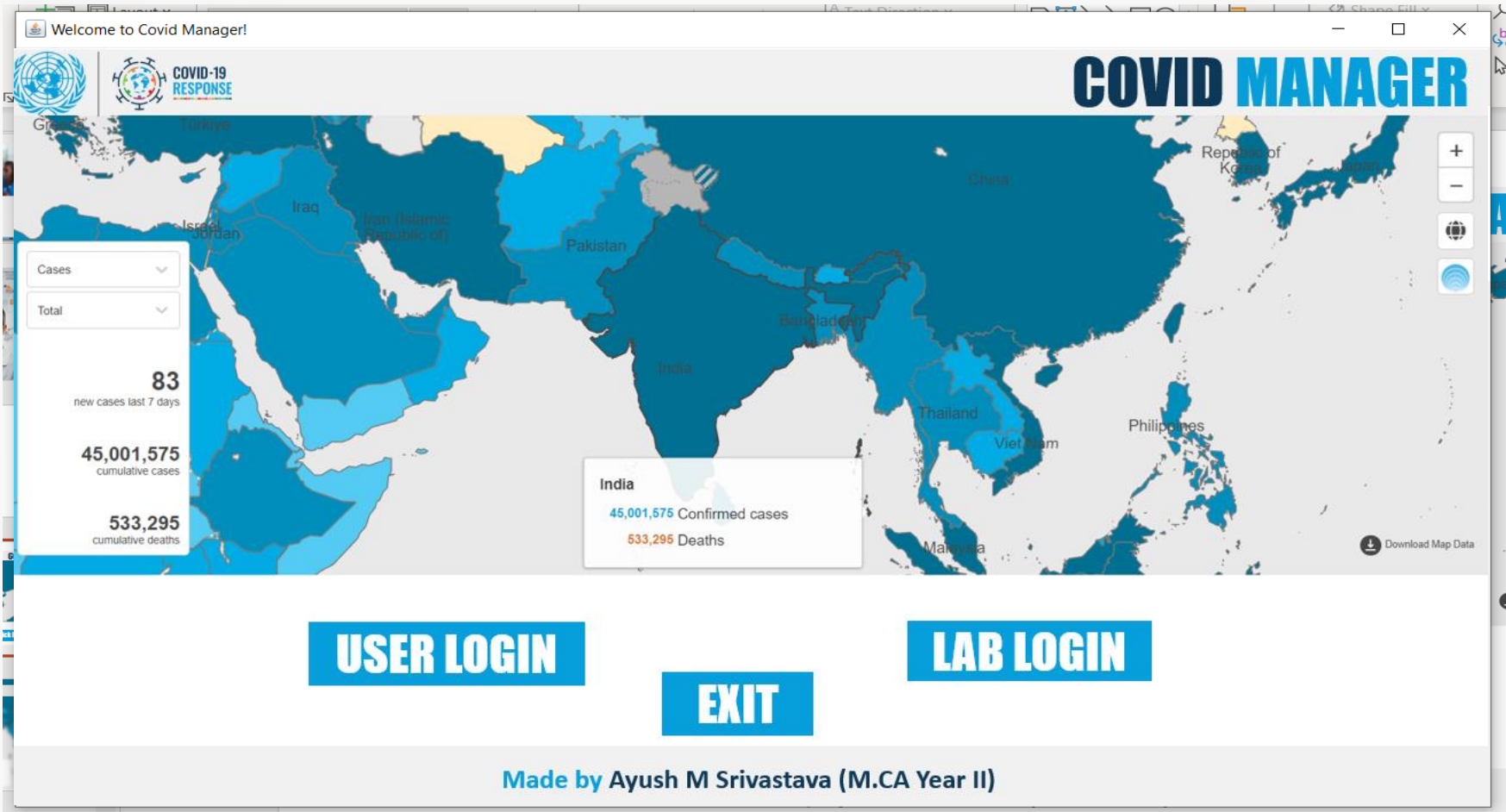
TOOLS,



SYSTEM DESIGN

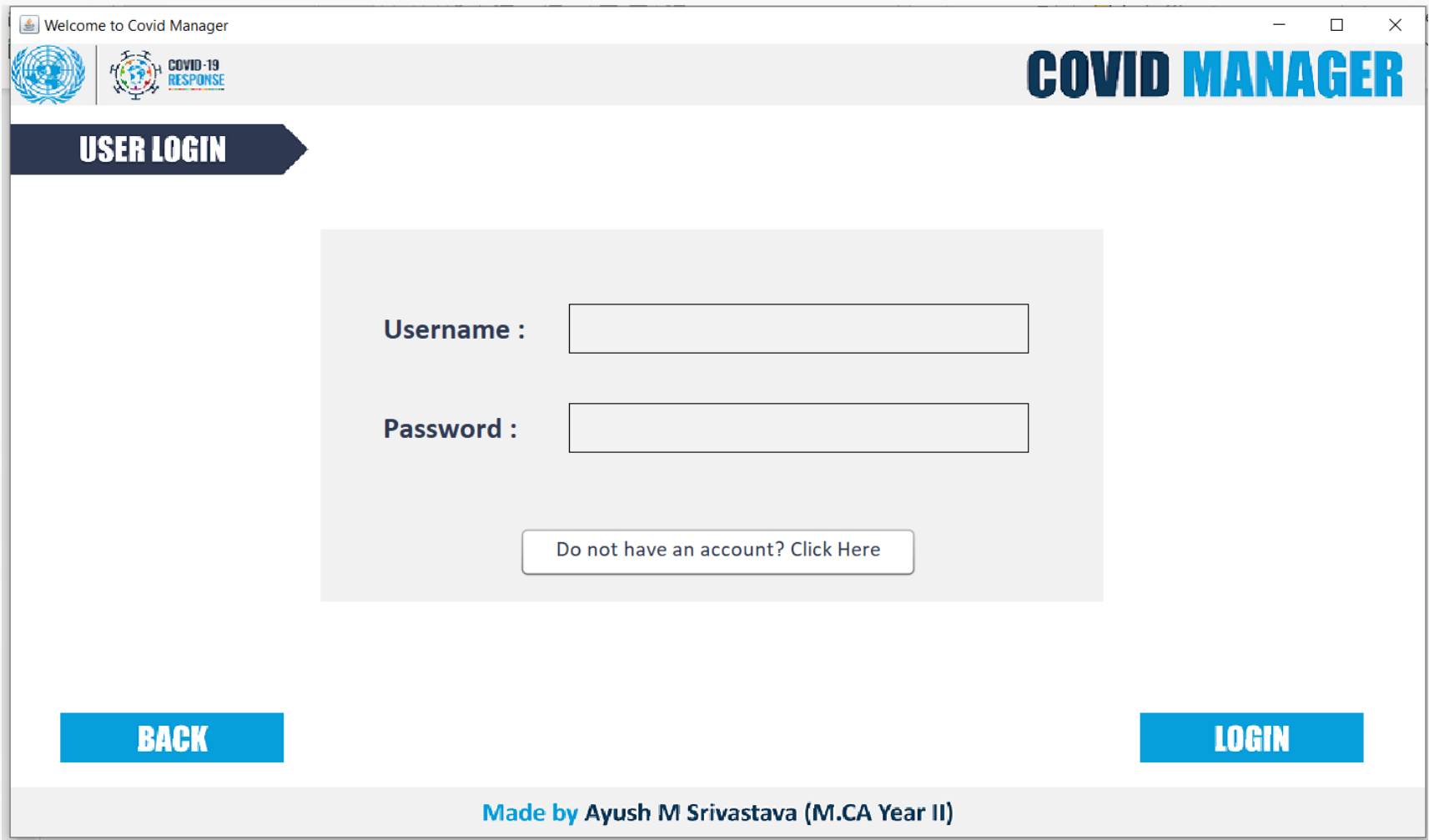


SCREENSHOTS



HomePage

SCREENSHOTS



The screenshot shows a web browser window titled "Welcome to Covid Manager". The page features a header with the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER". A dark blue button labeled "USER LOGIN" is on the left. The main content area has a light gray background with two input fields: "Username :" and "Password :". Below these fields is a link that says "Do not have an account? Click Here". At the bottom, there are two blue buttons: "BACK" on the left and "LOGIN" on the right. A footer bar at the bottom of the window contains the text "Made by Ayush M Srivastava (M.CA Year II)".

Welcome to Covid Manager

COVID MANAGER

USER LOGIN

Username :

Password :

[Do not have an account? Click Here](#)



BACK **LOGIN**

Made by Ayush M Srivastava (M.CA Year II)

User Login Page

SCREENSHOTS

Welcome to Covid Manager

  **COVID MANAGER**

SIGNUP

Enter New User Details,

Username :

Password :

Age:

Phone No:

BACK **SIGNUP**

Made by Ayush M Srivastava (M.CA Year II)

User SignUp

SCREENSHOTS

The screenshot displays a web browser window titled "Welcome to Covid Manager". The navigation bar includes links for "Testing", "Vaccination", "Title Screen", "Sign out", and "Exit". The header features the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER". A modal window titled "Book Appointment" is open, containing the following form:

Book an Appointment here,

Name:

City:

Age:

Date of test:

Lab ID Assigned :

BOOK

Made by Ayush M Srivastava (M.CA Year II)

Book Appointment

SCREENSHOTS

The screenshot shows a web application window titled "Welcome to Covid Manager". The navigation bar includes links for "Testing", "Vaccination", "Title Screen", "Sign out", and "Exit". The header features the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER". The main content area is titled "Appointment Details" and contains a close button (X). The text "View all Appointments here," is displayed. Below this is a "Name:" label followed by a text input field. A "SEARCH" button is positioned below the input field. At the bottom of the form area, there are four labels: "Name:", "Date:", "City:", and "Age:", each followed by a corresponding input field. The footer of the application states "Made by Ayush M Srivastava (M.CA Year II)".

Welcome to Covid Manager

Testing Vaccination Title Screen Sign out Exit

COVID-19 RESPONSE

COVID MANAGER

Appointment Details

View all Appointments here,

Name:

SEARCH

Name: Date:

City: Age:

Made by Ayush M Srivastava (M.CA Year II)

Appointment Details

SCREENSHOTS

The screenshot displays the 'COVID MANAGER' application window. The title bar reads 'Welcome to Covid Manager' and includes navigation links: 'Testing', 'Vaccination', 'Title Screen', 'Sign out', and 'Exit'. The main header features the United Nations logo, a 'COVID-19 RESPONSE' logo, and the text 'COVID MANAGER'. A modal dialog box titled 'Change Appointment' is open, containing the following fields and buttons:

- Header: 'Change the Appointment here,' with a close button (X).
- Form Fields:
 - Name:
 - Current City:
 - Current Date of test:
 - New City:
 - New Date of test:
- Buttons:
 - A 'SEARCH' button is positioned below the 'Name' field.
 - A 'CHANGE' button is located at the bottom right of the dialog.

At the bottom of the application window, a footer states: 'Made by Ayush M Srivastava (M.CA Year II)'.

Change Appointment

SCREENSHOTS

The screenshot displays the 'COVID MANAGER' application window. The title bar reads 'Welcome to Covid Manager' and includes standard window controls. The menu bar contains 'Testing', 'Vaccination', 'Title Screen', 'Sign out', and 'Exit'. The header features the United Nations logo, a 'COVID-19 RESPONSE' logo, and the application title 'COVID MANAGER'. A 'Cancel Appointment' dialog box is open, containing the text 'Cancel the Appointment here,' and a close button 'X'. The dialog has five input fields: 'Name:', 'Registered Name:', 'Current Date of test:', 'City:', and 'Age of patient:'. A 'SEARCH' button is positioned below the 'Name' field, and a 'CANCEL' button is at the bottom right of the dialog. The footer of the application window states 'Made by Ayush M Srivastava (M.CA Year II)'.

Welcome to Covid Manager

Testing Vaccination Title Screen Sign out Exit

COVID-19 RESPONSE

COVID MANAGER

Cancel Appointment

Cancel the Appointment here, X

Name:

SEARCH

Registered Name:

Current Date of test:

City:

Age of patient:

CANCEL

Made by Ayush M Srivastava (M.CA Year II)

Cancel Appointment

SCREENSHOTS

The screenshot shows a web browser window titled "Welcome to Covid Manager". The browser's address bar shows the URL "Testing Vaccination Title Screen Sign out Exit". The page header features the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER". The main content area is titled "Report Results" and contains a form for checking test results. The form has a title "Check your Test Results here," and a close button "X". The form fields are: "Name:" with a text input and a "SEARCH" button; "Registered Name:" with a text input; "Current Date of test:" with a text input; "City:" with a text input; "Age of patient:" with a text input; "Lab ID:" with a text input; and "Result:" with a large text input. The footer of the page says "Made by Ayush M Srivastava (M.CA Year II)".

Welcome to Covid Manager

Testing Vaccination Title Screen Sign out Exit

COVID-19 RESPONSE

COVID MANAGER

Report Results

Check your Test Results here, X

Name: SEARCH

Registered Name:

Current Date of test:

City:

Age of patient:

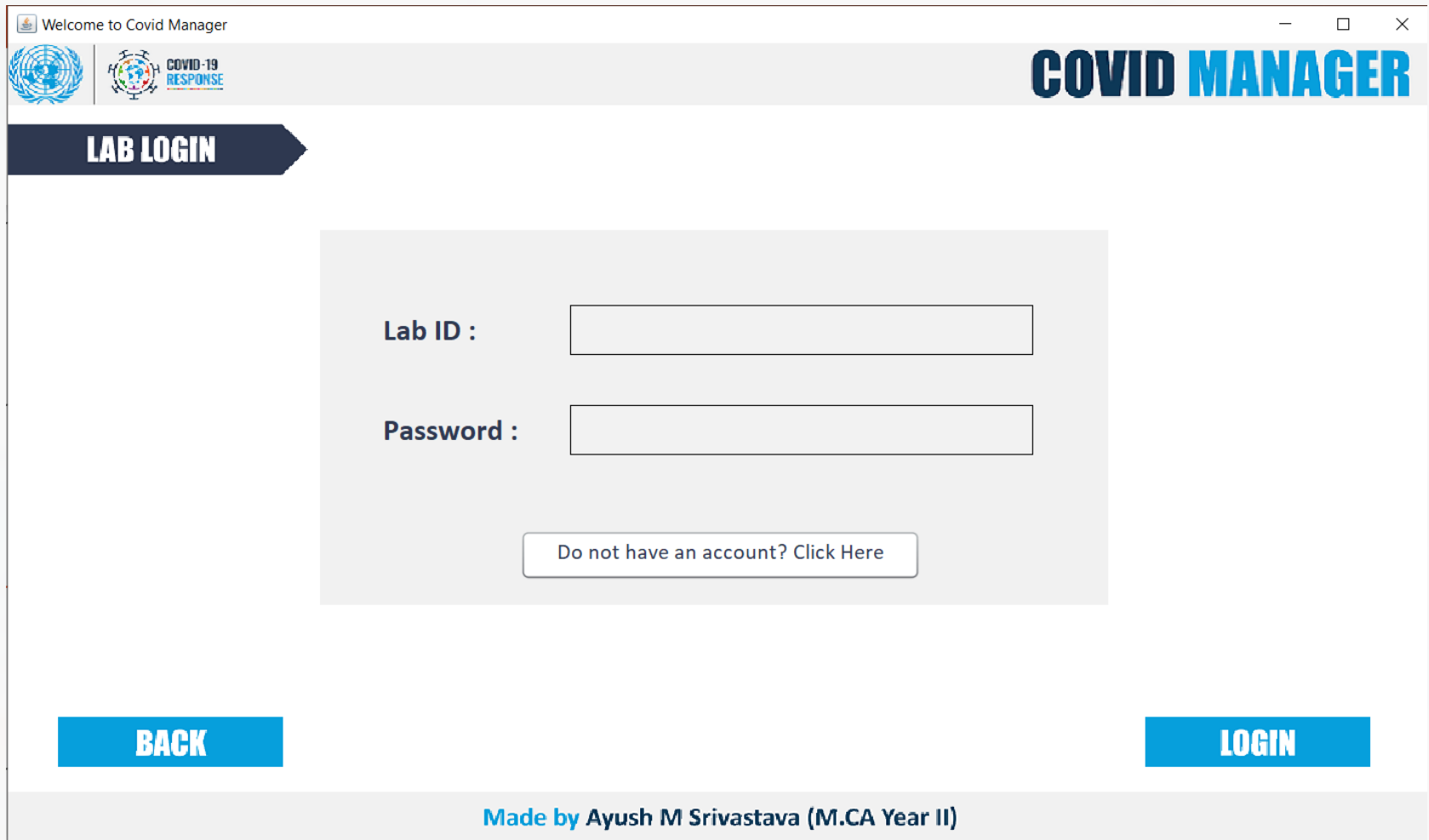
Lab ID:

Result:

Made by Ayush M Srivastava (M.CA Year II)

Check Results

SCREENSHOTS



The screenshot shows a web browser window titled "Welcome to Covid Manager". The page features a header with the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER" in large blue letters. A dark blue button labeled "LAB LOGIN" is positioned on the left. The main content area contains a light gray box with two input fields: "Lab ID :" and "Password :". Below these fields is a link that says "Do not have an account? Click Here". At the bottom of the page, there are two blue buttons: "BACK" on the left and "LOGIN" on the right. A footer bar at the very bottom states "Made by Ayush M Srivastava (M.CA Year II)".

Welcome to Covid Manager

COVID-19 RESPONSE

COVID MANAGER

LAB LOGIN

Lab ID :

Password :

[Do not have an account? Click Here](#)

BACK LOGIN

Made by Ayush M Srivastava (M.CA Year II)

Lab Login Page

SCREENSHOTS

The screenshot shows a web application window titled "Welcome to Covid Manager". The header includes the United Nations logo, a "COVID-19 RESPONSE" logo, and the text "COVID MANAGER". A dark blue button labeled "SIGNUP" is on the left. The main content area is titled "Enter New Lab Details," and contains three input fields: "Lab ID:" (a two-part field), "Password :", and "Lab Location :". At the bottom, there are two blue buttons: "BACK" on the left and "SIGNUP" on the right. A footer bar at the bottom of the window reads "Made by Ayush M Srivastava (M.CA Year II)".

Welcome to Covid Manager

COVID MANAGER

SIGNUP

Enter New Lab Details,

Lab ID:

Password :

Lab Location :

BACK **SIGNUP**

Made by Ayush M Srivastava (M.CA Year II)

Lab SignUp

SCREENSHOTS

The screenshot displays a web application window titled "Welcome to Covid Manager". The window has a menu bar with "Testing", "Vaccination", "Title Screen", "Sign out", and "Exit". Below the menu bar, there are logos for the United Nations and "COVID-19 RESPONSE", and the text "COVID MANAGER" in large blue letters. The main content area is titled "Update Test Results" and contains a form with the following fields and buttons:

- Update Test Results Here,** (with a close button 'X' in the top right corner)
- Lab ID:**
- SEARCH** (button)
- Current Lab Area:**
- Current Status of Result:**
- Updated Result :**
- UPDATE** (button)

At the bottom of the window, it says "Made by Ayush M Srivastava (M.CA Year II)".

Update Test Results

SCREENSHOTS

The screenshot displays the 'COVID MANAGER' application interface. At the top, a navigation bar includes 'Welcome to Covid Manager', 'Testing', 'Vaccination', 'Title Screen', 'Sign out', and 'Exit'. The 'COVID-19 RESPONSE' logo is visible on the left, and the 'COVID MANAGER' title is on the right. A modal window titled 'Issue Certificate' is open, featuring a close button (X) in the top right corner. The window's content is titled 'Certify for Fully Vaccinated,'. It contains four input fields: 'Lab ID:', 'Current Lab Area:', 'Current Status of Result:', and 'Updated Result :'. A 'SEARCH' button is positioned below the 'Lab ID' field. An 'UPLOAD' button is located at the bottom right of the modal. The footer of the application states 'Made by Ayush M Srivastava (M.CA Year II)'.

Welcome to Covid Manager

Testing Vaccination Title Screen Sign out Exit

COVID-19 RESPONSE

COVID MANAGER

Issue Certificate

Close (X)

Certify for Fully Vaccinated,

Lab ID:

SEARCH

Current Lab Area:

Current Status of Result:

Updated Result :

UPLOAD

Made by Ayush M Srivastava (M.CA Year II)

Update Vaccination Result

CONCLUSION

1. Project Background:

Developed in response to the COVID-19 pandemic, addressing the need for efficient management of vaccination and testing-related information.

2. Aims and Objectives:

Specifies objectives to integrate technology into healthcare, creating user-friendly systems for vaccination and testing management.

3. Purpose, Scope, and Applicability:

Defines the project's purpose, outlines scope, and highlights applicability, emphasizing user-centric design and laboratory integration.

4. Problem Definition:

Identifies challenges such as fragmented information, communication gaps, documentation issues, and data security concerns as intervention areas.

5. System Requirements and Actions:

Details system specifications and actions, providing a structured roadmap for development.

6. Implementation and Testing:

Ensures rigorous implementation and testing, adhering to predefined test cases for an effective, secure, and user-centric solution.



Thankyou!