

A Mini Project Synopsis on
Vaccination Booking System

S.E. - I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on **Vaccination Booking System** has been submitted by Yugant Bhoir (21104111), Akanksha Bhoir (21104116) and Rashid Khan (21104004) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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References

Chapter 1

Introduction

Our project name is Vaccination Booking System (To make people know about available vaccines sources and slots for vaccination in private and government vaccine centers by online mode without spending hours searching for it), As the COVID-19 pandemic evolves, vaccination has become an important part of preventing COVID-19. The internet has made many aspects of our lives easier, and registering for vaccinations is no exception. Online vaccination registration allows individuals to quickly and easily access the information they need to stay safe and healthy. Online vaccination registration can be done through a variety of platforms, including health care providers, government websites, and even some private companies. It is a safe and secure way to get the information you need to stay up to date with your vaccinations. It is a modern way of booking vaccinations. It can be also applied in many areas like hospitals, organisation, community programs ,vaccination centers ,labs,etc.

1.1 Purpose :

Our website main purpose is to provide information about available vaccine type and slots on online mode . it is easy to book vaccine slots online. Our website is easy to handle and also it have user friendly interface. Online vaccination registration website offers several benefits over traditional methods. It is more convenient, as individuals can register for vaccinations from the comfort of their own home. It is also more secure, as the information is encrypted and stored in a secure database. Online vaccination registration also helps to reduce the spread of disease.as individuals can access the information they need to stay up to date with their vaccinations quickly and easily. This helps to protect the health of the entire community. User can use the website 24 hours there is no restrictions / limited time period for Vaccination Booking System website.

1.2 Objectives :

Our E-Library website provides free information about available vaccine slots and vaccine types from working vaccination centers to users directly through online mode. It also reduce spread of disease/virus while avoiding contact of patients. It helps to protect the health of entire community. It save time and money. It helps to register without making an appointment or waiting in line at a doctor's office. It will be easier to book slots. It provide up-to-date and authentic information on all subjects. It provide seamless access to information.

1.3 Scope :

Vaccination Booking System will be applied in medical fields, hospitals and can be provided at every vaccinations centres in area. It will be useful to children/ old age people , as there is no need to wait in line. It will be useful to patients to avoid direct contact with others. It will be useful to everyone , less time consuming. It will be done through a variety of platforms including health care providers, government websites and even some private companies. It will be used to store large amount of data of vaccine types and slots/resources.

Chapter 2

Problem Definition

We have find that, there are hardly any website which provides free information about available vaccination slots along with available vaccine types.

Online vaccination registration offers several benefits over traditional methods.

It is more convenient, as individuals can register for vaccinations from the comfort of their own home.

It will provide more secure database.

Online vaccination registration also helps to reduce the spread of disease as individuals can access the information they need to stay up to date with their vaccinations quickly and easily.

Chapter 3

Proposed System

3.1 Features and Functionality :

1. Easy to use:

It provide a friendly interface to users. It encourage co-operative efforts in research resources, computing, and communication networks. Vaccination Booking System is the easiest to use the available online research tool. People can use the search by topic feature to retrieve a manageable amount of quality content, quickly and easily. Point-and-click functionality ensures all the users finding the information they need.

2. Cost free:

It is free of cost . User don't have to pay to get access of site all they have to make sure their network connection is whether on or not .. this cost free purpose will help everyone.

Chapter 4

Project outcomes :

- User will be able to log in to the website.
- User will be able to search for available vaccines in area provided by pincode.
- User can book slots by providing following input.
 1. Adhar Id of the user.
 2. Age of the user.
 3. Valid phone number of the user.

Chapter 5

Software Requirement

For this Vaccination Booking System project we have used different softwares and technologies.

The main software's used were:

1. VSCODE
2. FIGMA
3. MYSQL
4. DIA DIAGRAM EDITOR.
5. Tkinter

VSCODE was used to create the front end of the website using python.

FIGMA was used to create look for GUI of front end and the backend of the website .

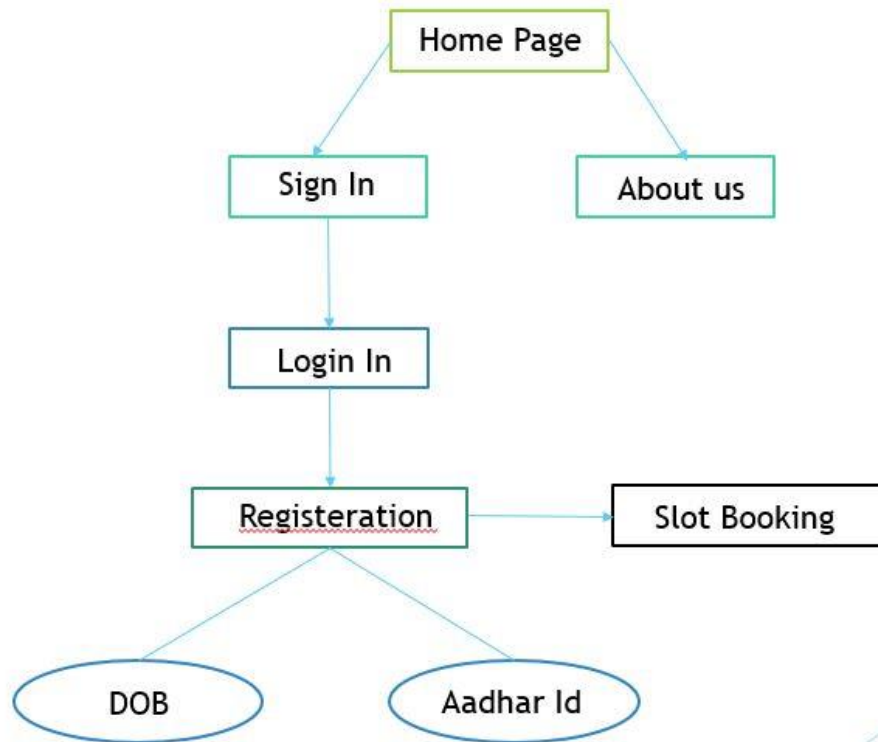
MYSQL was used to create the database for the website .

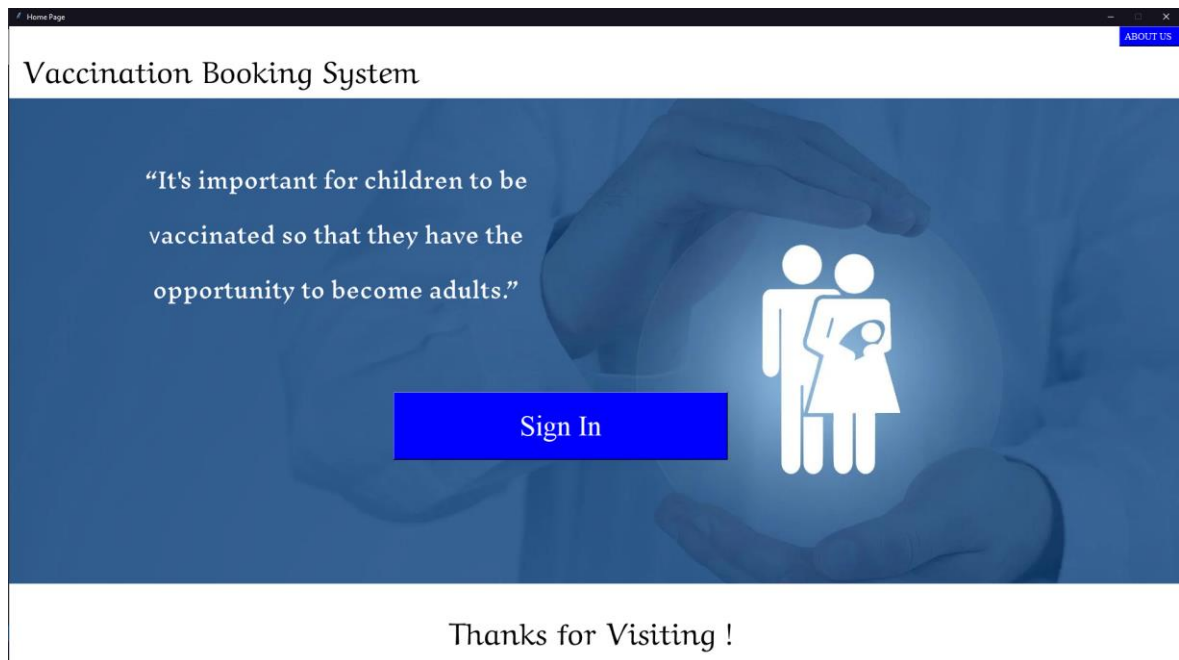
DIA DIAGRAM EDITOR was used to create diagrams for this project.

TKINTER was used for python GUI purpose.

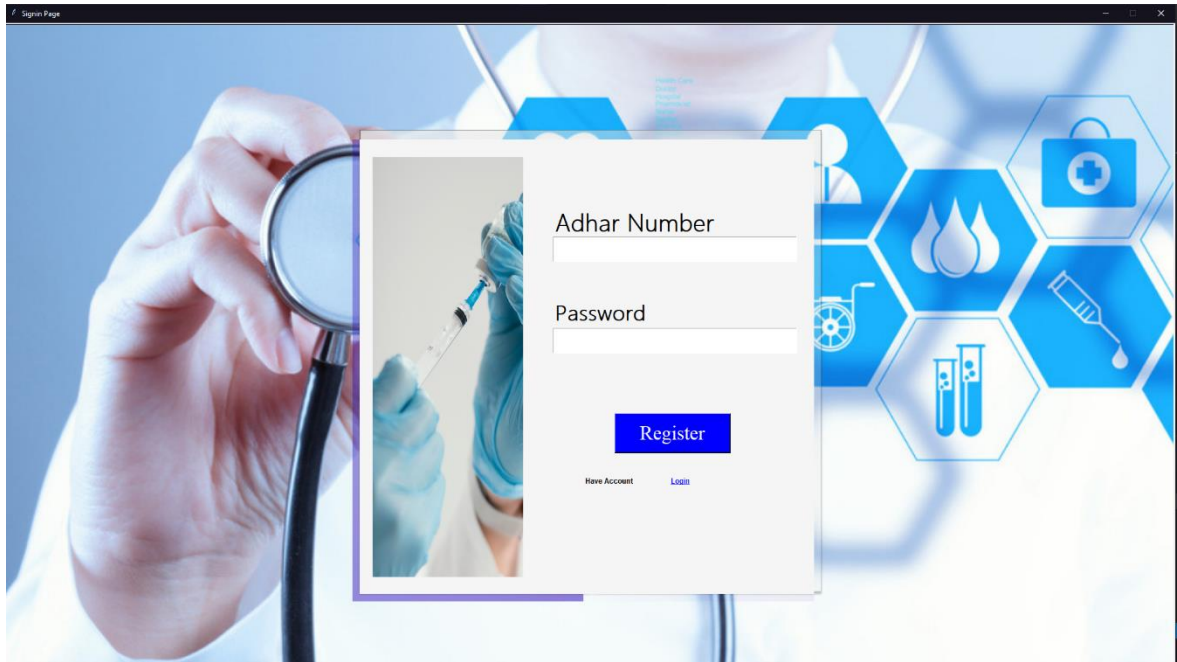
Chapter 6

Project Design

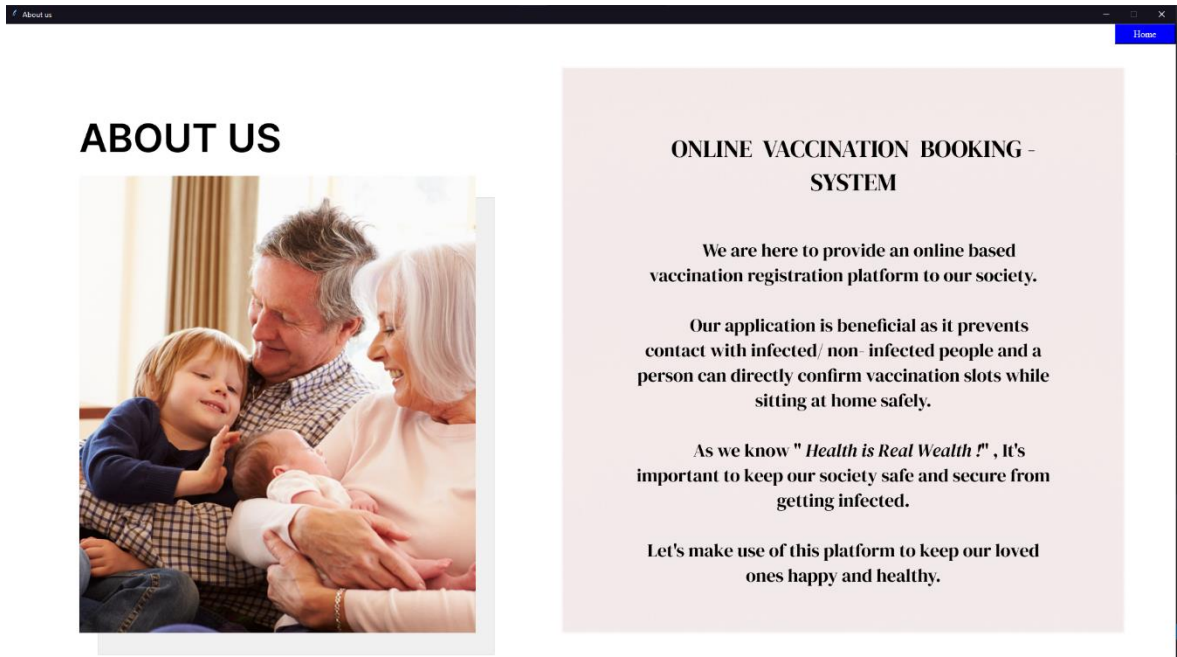




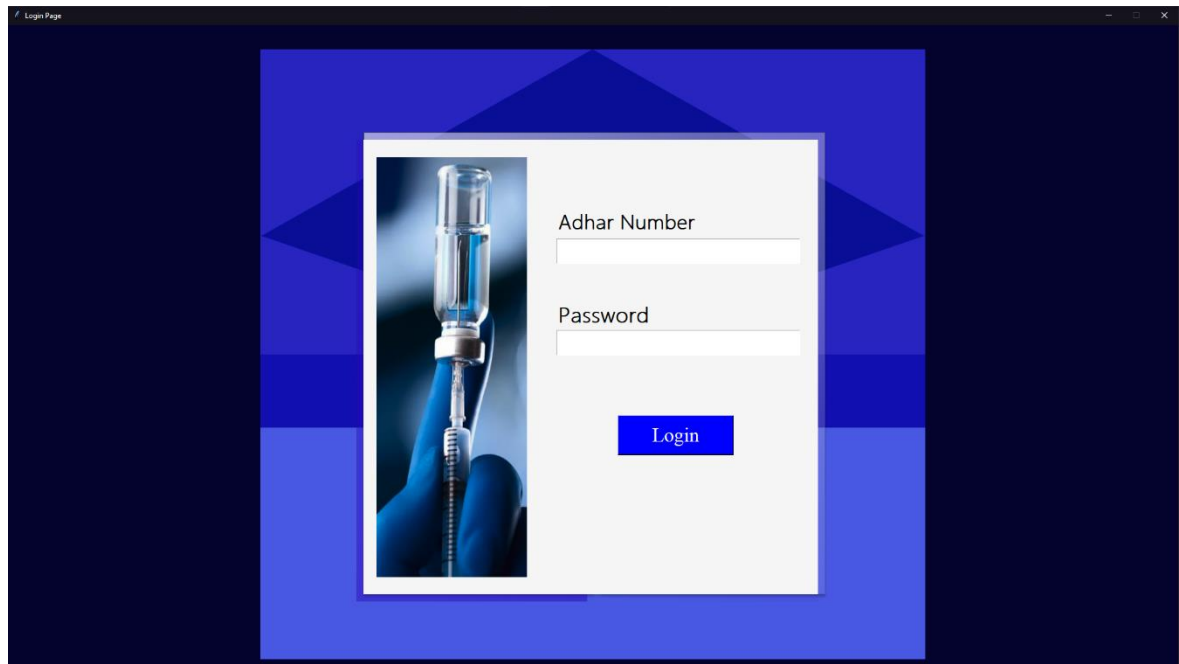
Home Page



Sign in Page




About Us



Login Page

Home Page



Register Page

Name

Enter your birthdate (MM/DD/YYYY):

Gender ☐ Male ☐ Female

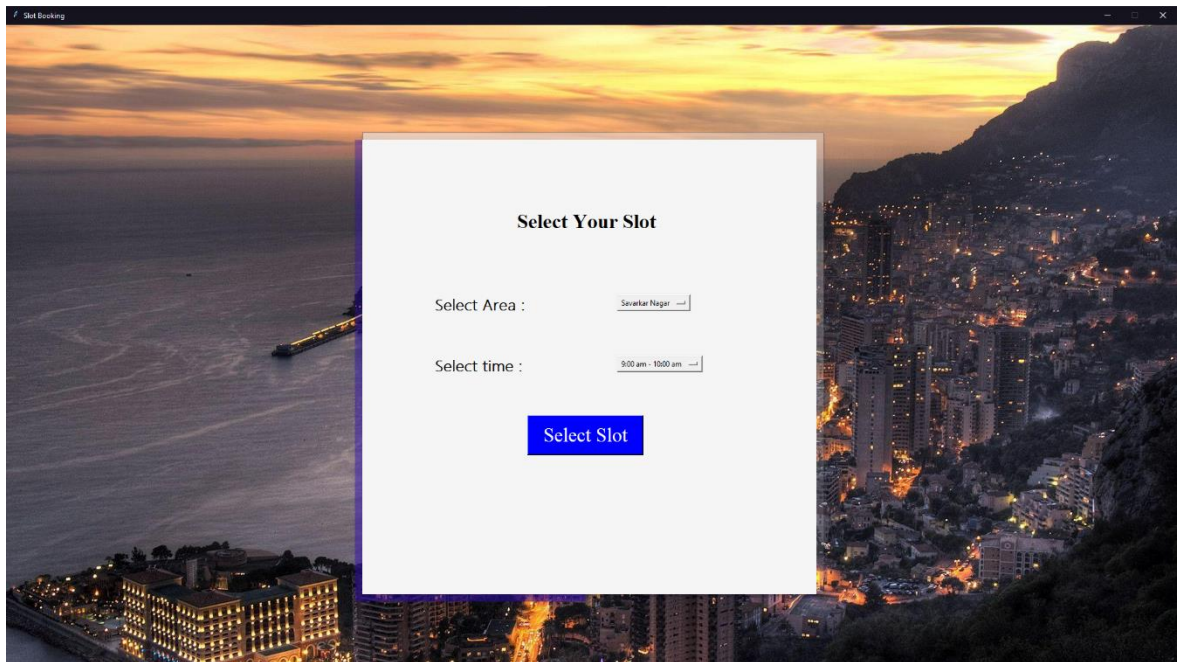
Age

Adhar Id

Select Vaccine

Select Slot

Register Page



Slot Booking Page

Chapter 7

Project Scheduling

S r · N o	Date	Attendanc e			Progress/Suggestion	Mapping		
		1	2	3		CO	PO	PSO
1	12/01/2023 to 19/01/2023				Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	CO1,C O2, CO3, CO9	PO1, PO2, PO9	PSO 1
2	19/01/2023 to 26/01/2023				Identifying the functionalities of the Mini Project	CO2,C O4, CO3, CO6,C O9	PO1, PO2, PO9	PSO 1
3	26/01/2023 to 9/02/2023				Discussing the project topic with the help of paper prototype, Designing the Graphical User Interface (GUI)	CO4,C O3, CO6,C O9	PO1, PO2, PO9 , PO12	PSO 1
4	9/02/2023 to 15/02/2023				Database Design	CO4,C O3, CO6,C O8, CO9	PO1, PO3, PO5 , PO9, PO11 , PO12	PSO 1,PS O2
5	16/2/2023				Review-I	CO3, CO6,C O7, CO9	PO8, PO10 ,PO 9	
6	23/02/2023 to 9/03/2023				Database Connectivity of all modules	CO5,C O3, CO6,C O8, CO9	PO1, PO3, PO7 , PO9, PO11 ,P O12	PSO 1,PS O2

7	9/03/2023 to 23/03/2023				Integration of all modules and Report Writing	CO5,C O3, CO6,C O7, CO8,C O9	PO1, PO3, PO5 , PO7, PO9, PO 11,P O12	PSO 1,PS O2
8	23/03/2023 to 6/4/2023				Preparing Project Presentation and final report	CO5,C O3, CO6,C O7, CO8,C O9	PO1, PO3, PO5 , PO7, PO9, PO 10,P O11, PO1 2	PSO 1,PS O2,P SO3
9	20/4/2023				Review- II	CO3, CO6,C O9	PO8, PO10 ,PO 9	

Chapter 8

Conclusion

Online vaccination registration is a convenient and secure way to get the information you need to stay up to date with your vaccinations. It is also a great way to protect the health of the entire community, as it helps to reduce the spread of disease. By taking advantage of online vaccination registration, individuals can save time and money while staying safe and healthy. It is a great way to ensure that everyone has access to the information they need to stay up to date with their vaccinations.