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COVID VACCINE

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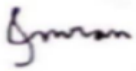
Bachelor of Science in Software Engineering Department.

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APPROVAL

This project titled on “Covid Vaccine”, submitted by Takia Tasnima (ID-171-35-1873) to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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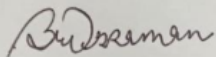
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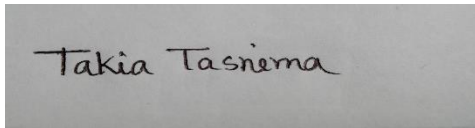
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DECLARATION

I, hereby, declare that this project has done by me under the supervision of Ms.Mahmuda Rawnak Jahan ,Lecturer,Department of Software Engineering, Daffodil International University. I also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ACKNOWLEDGEMENT

At first i would like to thank almighty Allah. However, i have taken efforts in this project. It would not have been possible without the kind support and help of many persons. I would like to extend my sincere thanks to all of them.

I am really grateful because i managed to complete my project within the time given by Project/Thesis Committee. I also sincerely thank our respected supervisor Ms.Mahmuda Rawnak Jahan for the guidance and encouragement for finishing this project. I am thankful for his inspirations to work harder and for motivating me to be better.

Finally, I would like to thank my parents for keeping me in their prayers and supporting me to be better at every step of the away. Without their love and support i would not be successful.

To sum up, without the help of the mentioned supports, the project would not be possible.

ABSTRACT

The covid vaccine refers to an initiative that helps people to take the vaccination registration on online. Nowadays because of the pandemic(covid-19) it helps to done all the formalities in online. It also helps people to know the detail about the vaccine and which hospital the vaccine is available. By registered themselves they can get the actual date of taking the vaccination . Also the can get the vaccination card. By search with their nid number they can know it their card available or not. If it available when will they get the card .

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CHAPTER 1

INTRODUCTION

1.1 OVERVIEW

This is web base application. It will help people to get registered for covid vaccine in online. Though its very risky to visit outside in the pandemic of covid , people can registered themselves from home .And get the date to take the vaccine. They can also search for their vaccine card from this site. Also they can see the ,in which hospital the covid vaccine are available. It will save their time and energy. But for getting vaccine they will have to register for specific dose .This will provide the safety and security measurements. If anyone take the 1st dose he/she can also register for 2nd dose. And after admin check all the request he will send them confirmation about taking the vaccine. Admin can also update the vaccine card detail, and people can search their card is available or not. Also edit the information about vaccine.

1.2 PURPOSE

- Helps people to registered online
- Saves time,energy and safety.
- User can get the detail about vaccine
- Can search for vaccine card

1.3BACKGROUND

Its very risky for people to registered themselves in the hospital and stand for a long time in line for get the registration form and fill it up. Also its risky to gather a place because of the pandemic. Also for get any information about the covid vaccine the have to visit the health complex or the hospital. To avoid this difficulties my site will help them to get the information about vaccine and registered themselves in online and get the date of taking vaccine. Also helps to know that their vaccine card is available or not and when will they get it.

1.4 OBJECTIVES

- To reduce the time that needs while searching for get the vaccine.
- To make people life easy and safe.
- To make registration online for vaccine.
- To know the information about vaccine.

1.5 STAKEHOLDER

The main stakeholders are

- User
- Admin

1.6 PROPOSED SYSTEM

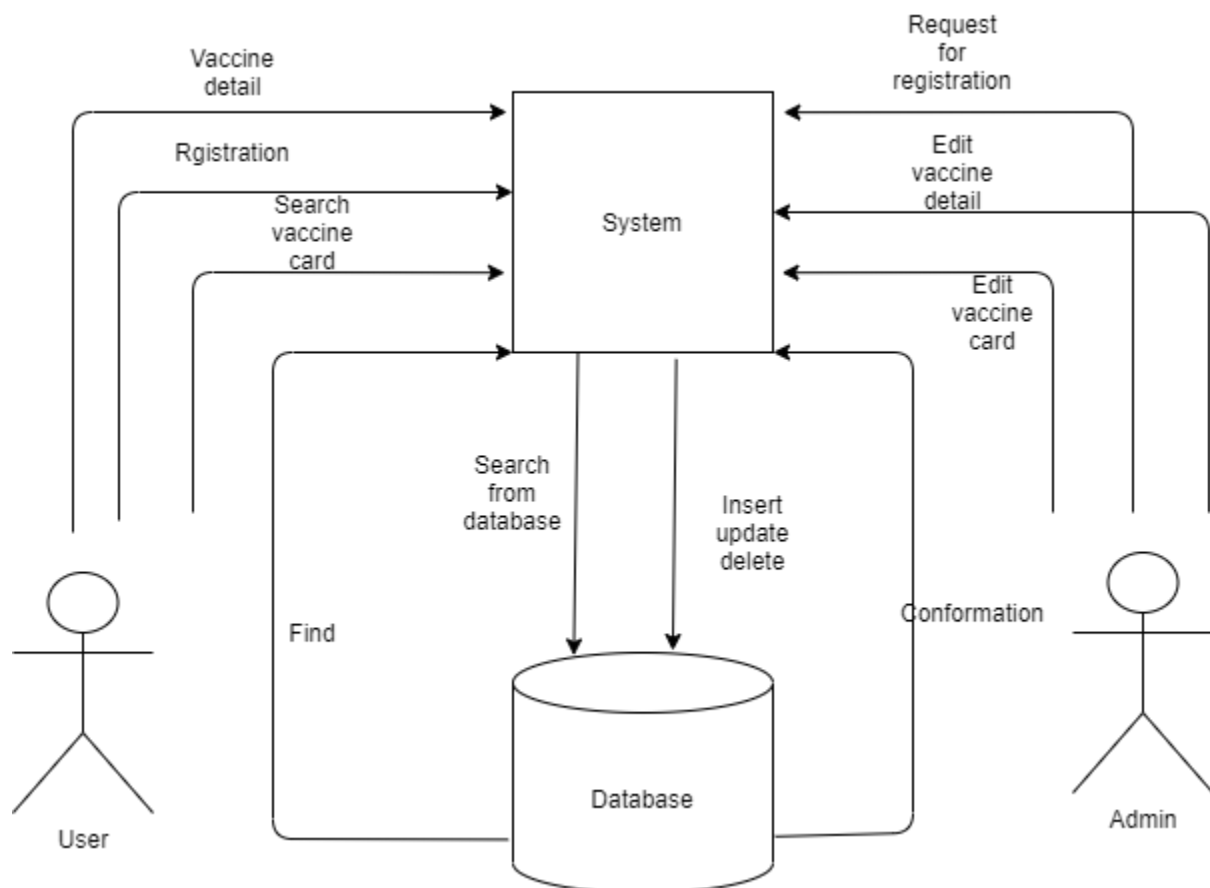


Fig 1.1 proposed system

1.7 PROJECT PLAN

Table 1.1: Project Plan

Task name	Resource name	Start	Finish	Duration(days)	
Planning	PM, BA	26-01-2021	10-02-2021	15	
Requirement	RE,RA	11-02-2021	21-02-2021	11	
System design	UI design	22-03-2020	06-04-2020	16	
Database design	DB design	07-04-2021	18-04-2021	11	
Development	Develop	18-04-2021	06-05-2021	50	
Testing	Test	06-05-2021	15-05-2021	09	
Implementation	implementation	15-05-2021	24-05-2021	09	
Delivery	PM, implementation	24-05-2021	25-05-2021	01	

1.8 MILESTONES

Table 1.2: Project Milestones

Task no	Task name	Duration
01	Planning	15
02	Requirement gathering and analysis	11
03	System design	16
04	Database design	11
05	Development	50
06	Testing	09
07	Implementation	09
08	Relies	01
		122

CHAPTER 2

Software Requirement Specification:

All requirement specification described in this section based on this project.

2.1 Functional Requirements

2.1.1.Vaccine Detail

Table 2.1 Discuss about vaccine detail

FR-01	Vaccine Detail
Description	Users can view which hospital or health complex of which district are available with the covid vaccine.
Stakeholders	User

2.1.2 Registration

Table 2.2 Discuss about registration

FR-02	Registration
Description	User can registered themselves for the 1 st dose or 2 nd dose of covid vaccine by giving all the information needed for registration
Stakeholders	User

2.1.3 Search Vaccine Card

Table 2.3 Discuss about search vaccine card

FR-03	Search vaccine card
Description	Users can search for their vaccine card by entering their nid number. If their card is available they can see the collecting date ,time and ,place of it.
Stakeholders	User

2.1.4 Admin Pannel

Table 2.4 Discuss about admin pannel

FR-04	Admin Pannel
Description	Only admin can use this for log in to the system to check all the request of registration or edit vaccine detail
Stakeholders	Admin

2.1.5 Log In

Table 2.5 Discuss about log in

FR-05	Log in
Description	Only admin with verified username and password can log in with it.
Stakeholders	Admin

2.1.6 Edit Vaccine Detail

Table 2.6 Discuss about edit vaccine detail

FR-06	Edit Vaccine Detail
Description	Admin can insert new information or delete the existing information or update if need any.
Stakeholders	Admin

2.1.7 Request for 1st dose

Table 2.7 Discuss about request for 1st dose

FR-07	Request for 1st dose
Description	Check all the registration of users for 1 st dose of covid vaccine.
Stakeholders	Admin

2.1.8 Request for 2nd dose

Table 2.8 Discuss about request for 2nd dose

FR-08	Request for 2nd dose
Description	Check all the registration of users for 2 nd dose of covid vaccine.
Stakeholders	Admin

2.1.9 Edit Vaccine Card

Table 2.9 Discuss about edit vaccine card

FR-09	Edit Vaccine card
Description	Admin can add any update about vaccine card and insert that if the card is available or not also add the collection time date, and place for the user
Stakeholders	Admin

2.1.10 Log Out

Table 2.10 Discuss about logout

FR-10	Logout
Description	Admin can logout and came to the home page of the site.
Stakeholders	Admin

2.2 Non-Functional Requirements

2.2.1 Security

Personal details of user must have to remain confidential.

2.2.2 Availability

The app is available for 24/7. But for this, user have to connected through internet.

2.2.3 Usability

User friendly web site. User will feel easy using it

2.3 Performance Requirement

2.3.1 Speed and Latency Requirements:

This system required a fair speed especially when a user can apply for registration or view vaccine detail or admin can update any information.

Table 2.11 Speed and Latency Requirements

PR-01	Page Refresh Rate
Description	While the users and admin browsing this system the page will show within a moment. It also depends on user and admin internet connection.
Stakeholders	Users, Admin The low latency, the better performance. To use the

system, user have to have a good bandwidth speed.

2.3.2 Legibility and Accuracy Requirements:

The system is able to manage all the information of registered users, vaccine detail, vaccine card detail.

Table 2.12 Legibly and accuracy Requirements

PR-02	Data accurecy .
Description	Personal information of both user and admin should be accurate otherwise the data will not be saved and the previous saved data would not be matched with the database.
Stakeholders	Users,Admin

To use the system, both user have to insert their legitimate and accurate data to the system.

2.3.2 Capacity Requirements:

Table 2.13 Capacity Requirements

PR-02	The system will manage all the inserted data in database.
Description	All the details and other information of customers, vaccines information are saved in the right format in database
Stakeholders	Users,Admin

Capacity requirements deal with the amount of information and data that is handled by the system. And this system fulfils the capacity requirements that all data will be saved safely to the system database.

2.3.3 Dependability Requirements:

By the term of dependability, it does not mean that the system fully rely on. Here dependability means the running time of the system.

2.3.4 Availability and Reliability Requirements:

This is an examination maintenance related project that's why it will be very sensitive for teacher and student. The main goal of our project, it decreases the complexity of those improvement or overlap examination process. In this way i will be able to achieve the reliability of users.

Availability is more necessary for this project.

Table 2.14 Availability and Reliability Requirements

DR-01	Must be available the system at 24x7
Description	<ul style="list-style-type: none">➤ Must be available the system at 24 hours in a day.➤ Must be updated the system regularly.
Stakeholders	Users, Admin

We must fulfil some basic reliability and availability requirements to meet the best criteria for the users.

2.3.5 Safety Critical Requirements

There are no specific safety critical requirements.

2.4 Maintainability and Supportability

To maintain the system and the support system, some people are connected to the project.

2.4.1 Supportability Requirement Specification

- SRS-01: Understanding the systems behavior on technical support is required by the system operator.
- SRS-02: If system malfunction has occurred and the system operator has to find the exact point of time when it has happened.
- SRS-03: If the system produces wrong result, the developer must be able to reproduce the data flow through the system.
- SRS-04: If anyone try to breach the systems security mechanism, the system operator must be able to understand where the problem lies.

2.4.2 Adaptability Requirements

There is no specific adaptability requirements.

2.5 Security Requirements

SR-01: Log In as a customer.

SR-02: Log In as a Salon owner.

2.5.1 Access Requirements

This system provides access to-

- Different modules
- To the authenticated user

2.5.2 Integrity Requirements

To prevent credential information from stolen, all passwords are stored in encrypted form.

The requirements significantly reduces the value of stolen credentials, it's not easy to decrypt the password.

2.6 Usability and Human Integrity Requirement

The system is easy to use for all the end users.

2.7 Data Validation

In this stage all data are tested for validation.

2.8 User Interface Design

It is important to consult the system user about the necessities for user interface design.

CHAPTER 3

REQUIREMENT ANALYSIS

3.1 USE CASE DIAGRAM

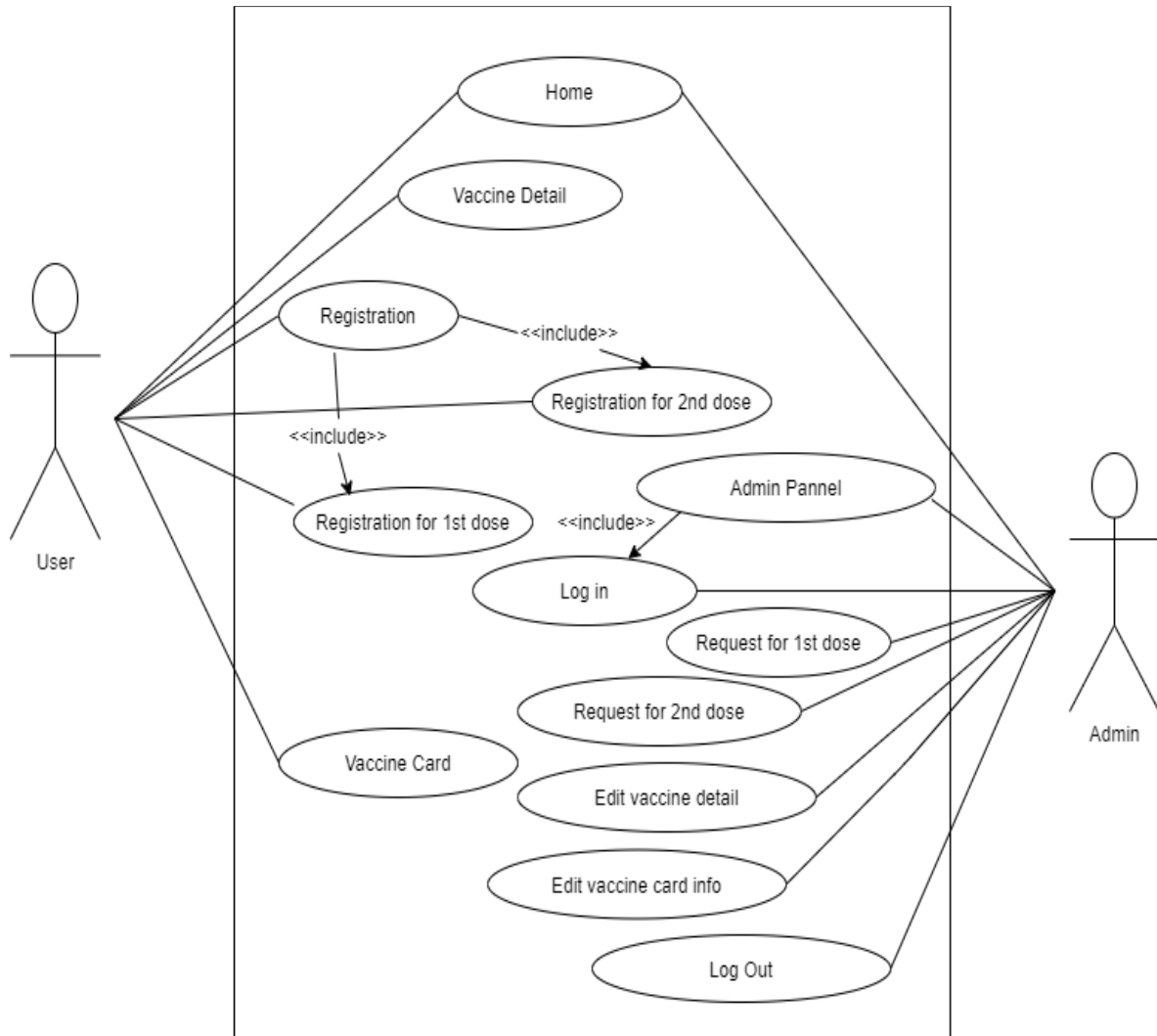


FIG3.1: Use Case Diagram

3.2 USE CASE DESCRIPTION

3.2.1 Vaccine Detail

Use case title	Vaccine Detail
Goal	See the detail about covid vaccination
Precondition	User have to enter in home page
Success and End Condition	N/A
Failed End Condition	N/A
Primary actors	Users
Secondary actors	None
Triggers	Vaccine detail page
Description	Users can view the detail information of covid vaccine
Alternative flows	N/A
Quality requirements	N/A

3.2.2 Registration for 1st dose.

Use case title	Registration for 1 st dose
Goal	Insert all the needed information for registration for 1 st dose
Precondition	Enter valid information.
Success and End Condition	Registration Successful
Failed End Condition	Cannot store data in database
Primary actors	Users
Secondary actors	None
Triggers	Registration
Description	Users have to insert all the needed information for registered themselves

Alternative flows	N/A
Quality requirements	N/A

3.2.3 Registration for 2nd dose.

Use case title	Registration for 2 nd dose
Goal	Insert all the needed information for registration for 2 nd dose
Precondition	Enter valid information.
Success and End Condition	Registration Successful
Failed End Condition	Cannot store data in database
Primary actors	Users
Secondary actors	None
Triggers	Registration
Description	Users have to insert all the needed information for registered themselves
Alternative flows	N/A
Quality requirements	N/A

3.2.4 Search Vaccine Card

Use case title	Search vaccine card
Goal	Find if the vaccine card available by search operation
Precondition	Enter NID
Success and End Condition	View searching information
Failed End Condition	Cannot find data in database
Primary actors	Users
Secondary actors	None
Triggers	Search Engine

Description	Users can search their vaccine date with their nid
Alternative flows	N/A
Quality requirements	N/A

3.2.5 Admin Pannel

Use case title	Admin panel
Goal	Enter into admin pannel
Precondition	Must have verified username & password
Success and End Condition	N/A
Failed End Condition	N/AA
Primary actors	Admin
Secondary actors	None
Triggers	Admin panel
Description	Admin can enter into admin panel by log in
Alternative flows	N/A
Quality requirements	N/A

3.2.6 Log in

Use case title	Log In
Goal	Log in successful
Precondition	Admin have to enter a valid username and password
Success and End Condition	Log in successfully
Failed End Condition	Log in failed
Primary actors	Admin
Secondary actors	

Triggers	Manage application
Description	Admin have to enter a username and password to enter to their system
Alternative flows	N/A
Quality requirements	N/A

3.2.4 Request for 1st dose

Use case title	request for 1 st dose
Goal	To see the registration request given by users
Precondition	Admin have to login must
Success and End Condition	N/A
Failed End Condition	N/A
Primary actors	Admin
Secondary actors	None
Triggers	View 1 st dose registration request.
Description	View the request of registration for 1 st dose
Alternative flows	N/A
Quality requirements	N/A

3.2.4 Request for 2nd dose

Use case title	request for 2 nd dose
Goal	To see the registration request given by users for 2 nd dose
Precondition	Admin have to login must
Success and End Condition	N/A
Failed End Condition	N/A

Primary actors	Admin
Secondary actors	None
Triggers	View 2 nd dose registration request.
Description	View the request of registration for 2 nd dose
Alternative flows	N/A
Quality requirements	N/A

3.2.5 Edit Vaccine Detail

Use case title	Edit Vaccine Detail
Goal	Insert, update, delete the vaccine detail.
Precondition	Admin must have to log in 1 st with verified username and password
Success and End Condition	Updated /Deleted /Added successfully
Failed End Condition	N/A
Primary actors	Admin
Secondary actors	None
Triggers	Admin give valid details.
Description	Admin have to log in 1 st , if he want to delete any info then have to select delete button, if want to add any info then select new entry button, and want to change any detail then select edit button and update it
Alternative flows	N/A
Quality requirements	N/A

3.2.5 Edit Vaccine Detail

Use case title	Edit Vaccine Card
Goal	Insert, update, delete the vaccine card detail and collecting time.
Precondition	Admin must have to log in 1 st with verified username and password
Success and End Condition	Updated /Deleted /Added successfully
Failed End Condition	N/A
Primary actors	Admin
Secondary actors	None
Triggers	Admin give valid details.
Description	Admin can delete ,update or add the vaccine card collecting time place .
Alternative flows	N/A
Quality requirements	N/A

3.2.6 Log Out

Use case title	Log out
Goal	Exit from the system
Precondition	First log in have to be done
Success and End Condition	Go to home page
Failed End Condition	Log out failed
Primary actors	Admin
Secondary actors	None
Triggers	Log in
Description	To log out form the system admin come to home page
Alternative flows	N/A
Quality requirements	N/A

3.3 ACTIVITY DIAGRAM

3.3.1 REGISTRATION

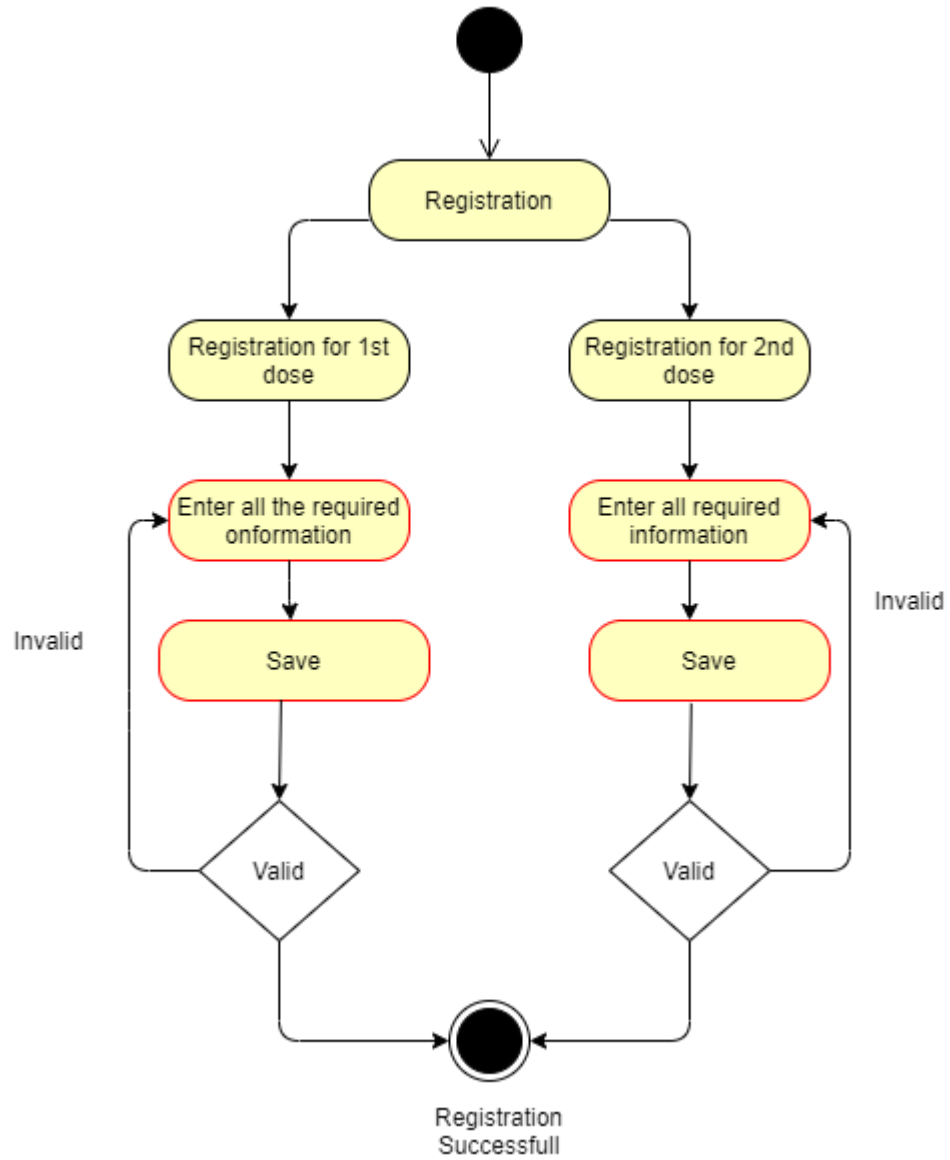


FIG 3.2: Registration

3.3.2 Vaccine Detail

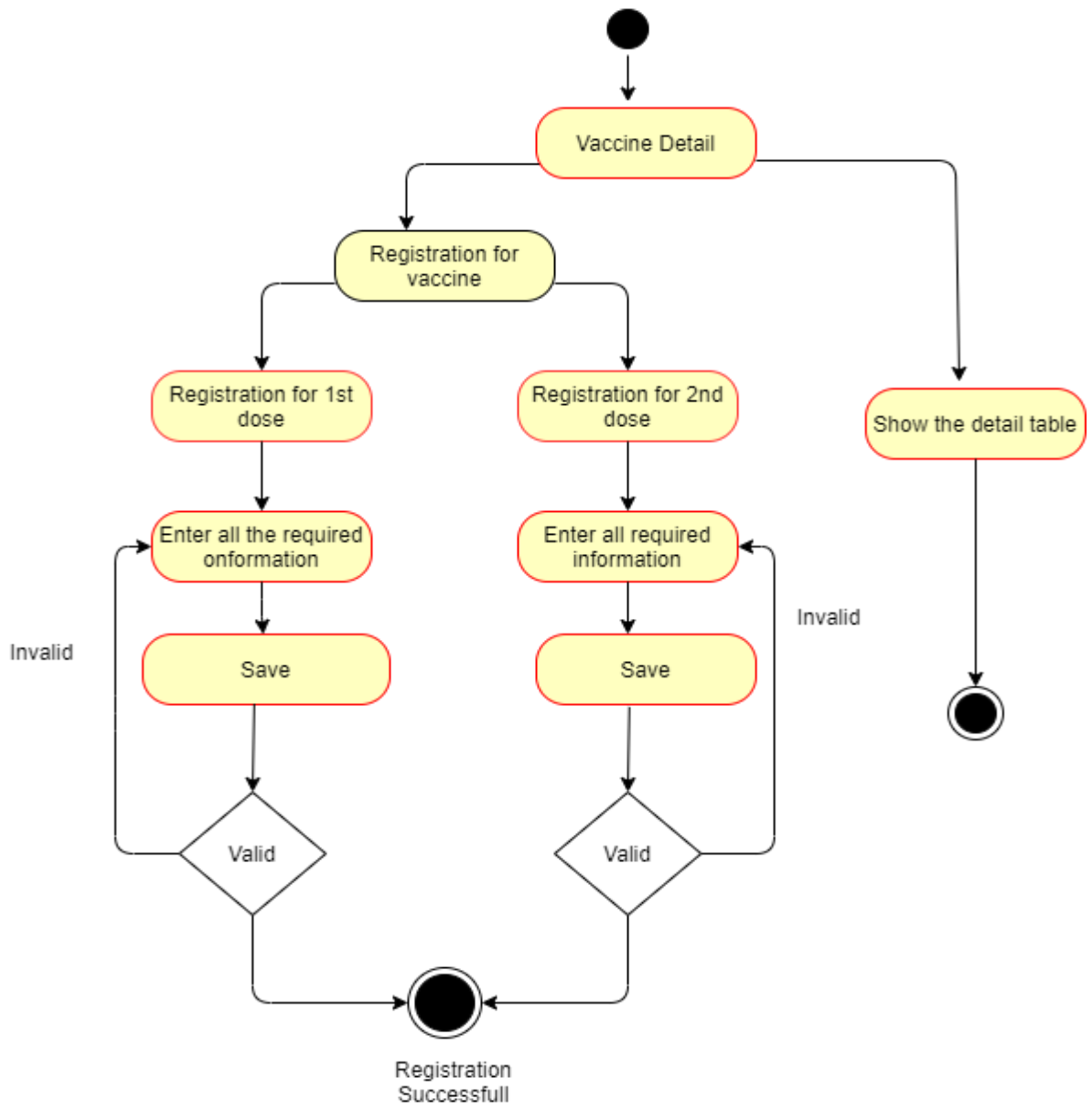


Fig 3.3: Vaccine Detail

3.3.3 Search Vaccine Card

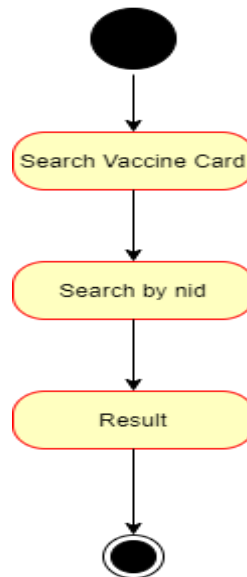


FIG 3.4: Search Vaccine Card

3.3.4 Admin Log In

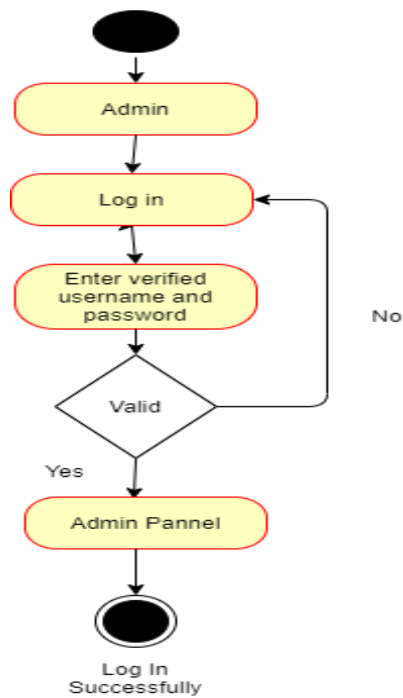


FIG 3.5: Admin Log In

3.3.5 Request for 1st dose

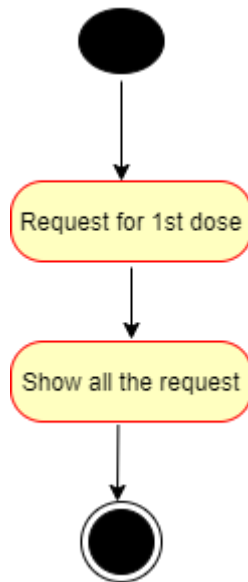


FIG 3.5: Request for 1st dose

3.3.6 Request for 2nd dose

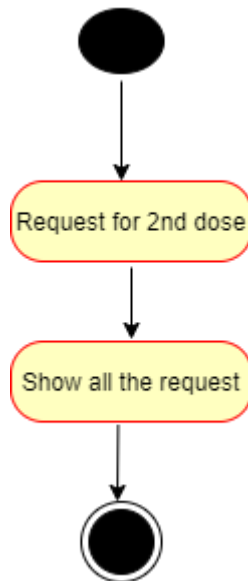


FIG 3.6: Request for 2nd dose

3.3.7 Edit Vaccine Detail

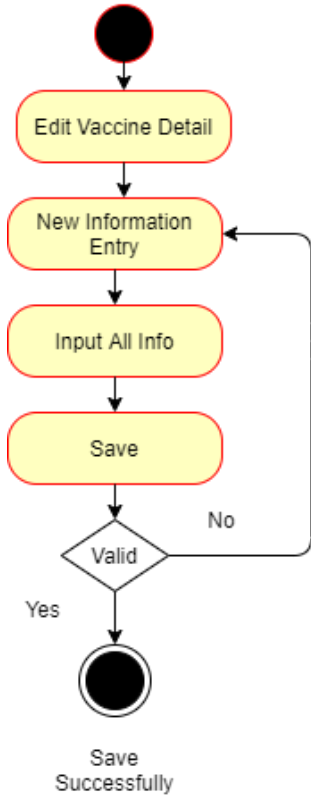


FIG 3.7.1: Edit Vaccine Detail(Insert)

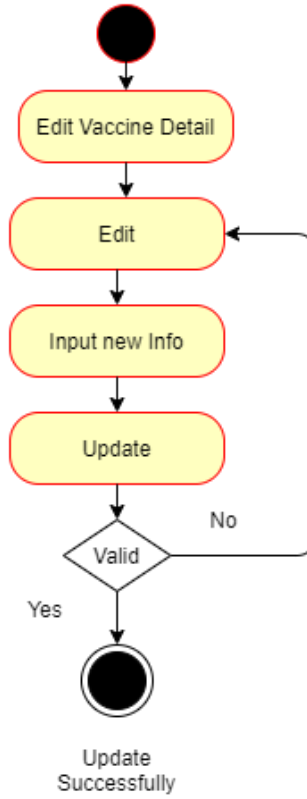


FIG 3.7.2: Edit Vaccine Detail(Update)

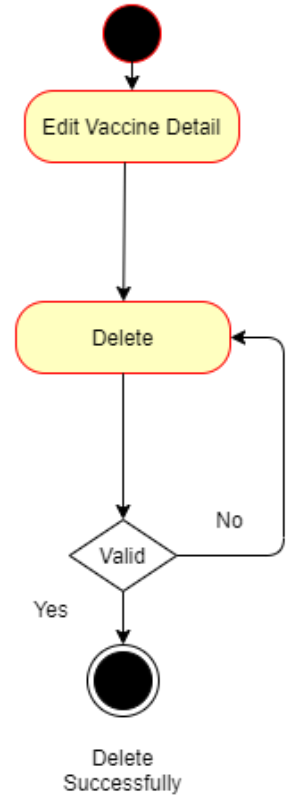


FIG 3.7.3: Edit Vaccine Detail(Delete)

3.3.8 Edit Vaccine Card

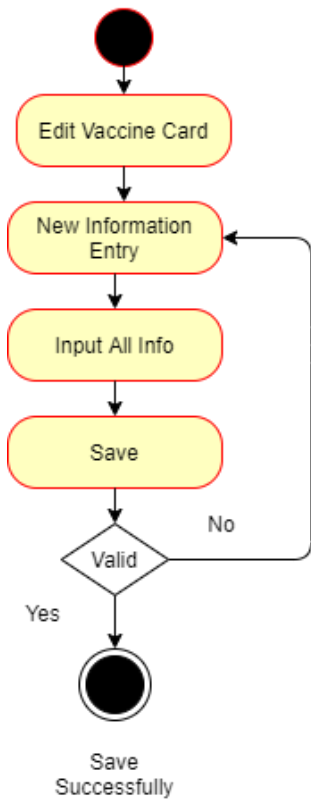


FIG 3.8.1: Edit Vaccine Card(Insert)

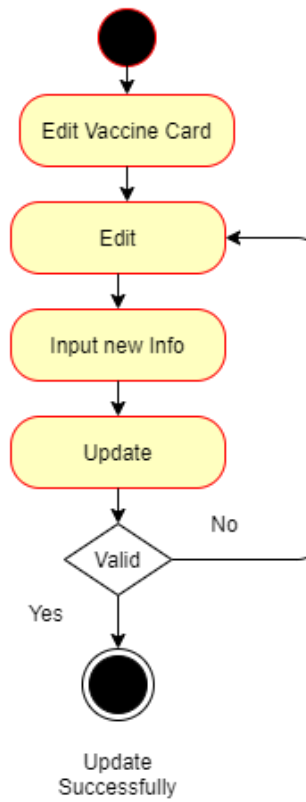


FIG 3.8.2: Edit Vaccine Card(Update)

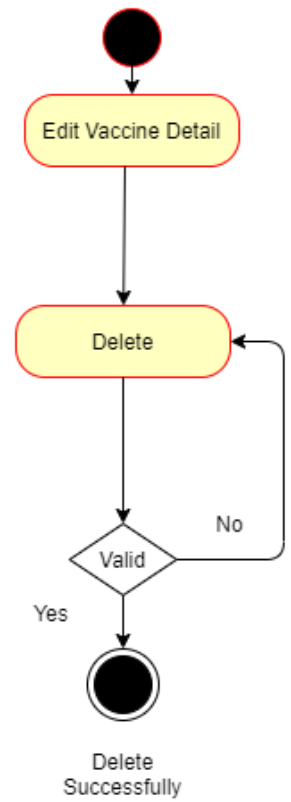


FIG 3.8.3: Edit Vaccine Card (Delete)

3.3.8 Log Out

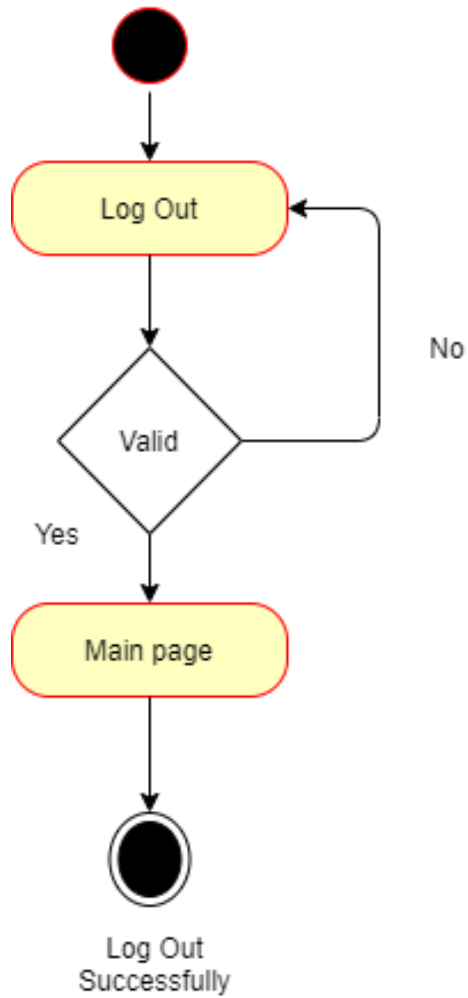


FIG 3.9: Log Out

3.4 Sequence Diagram

3.4.1 Registration

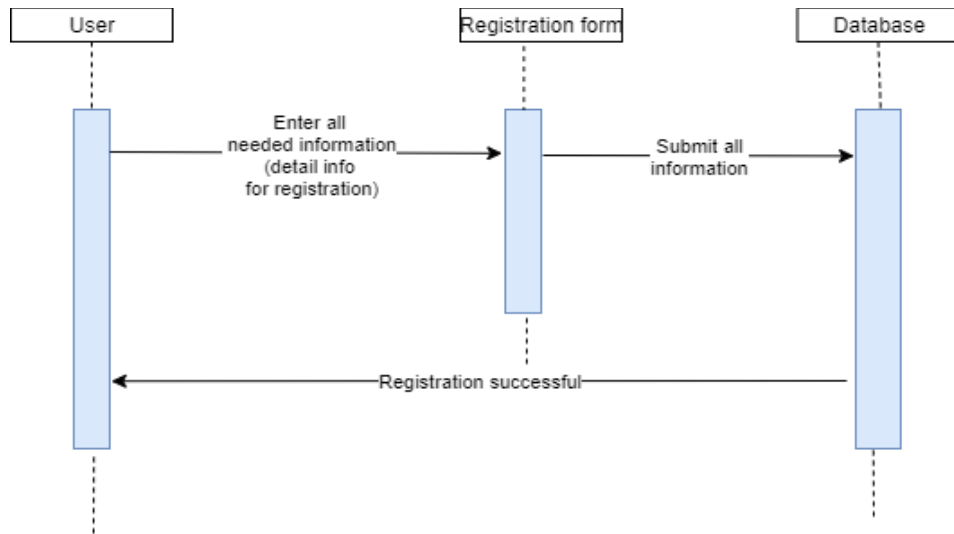


FIG: REGISTRATION

3.4.2 VACCINE DETAIL

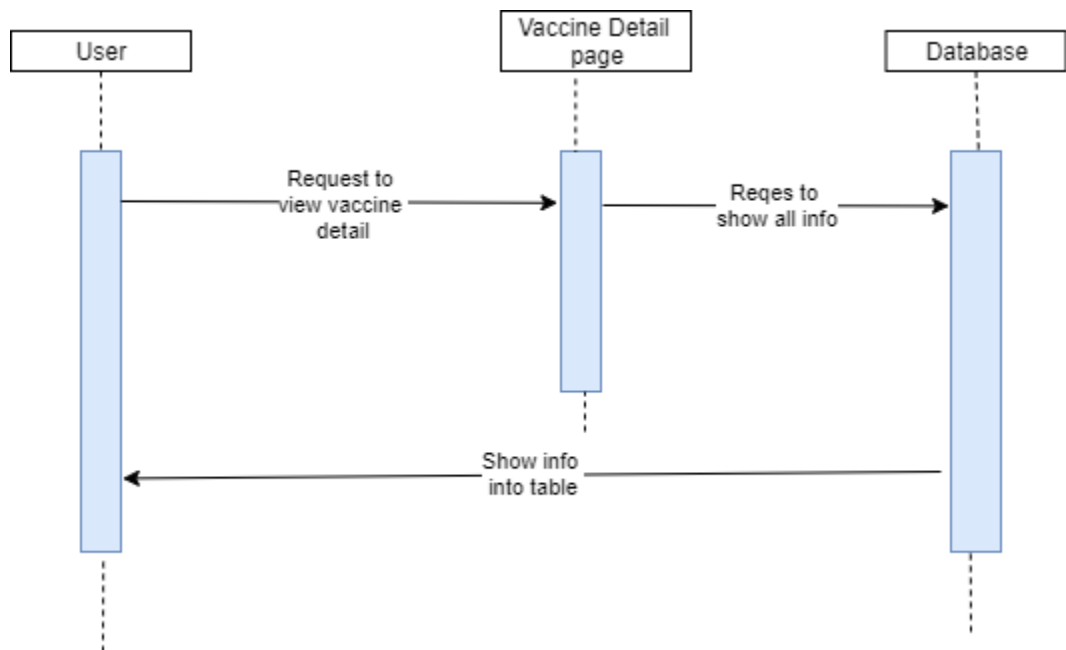


FIG: VACCINE DETAIL

3.4.3 Search Vaccine Card

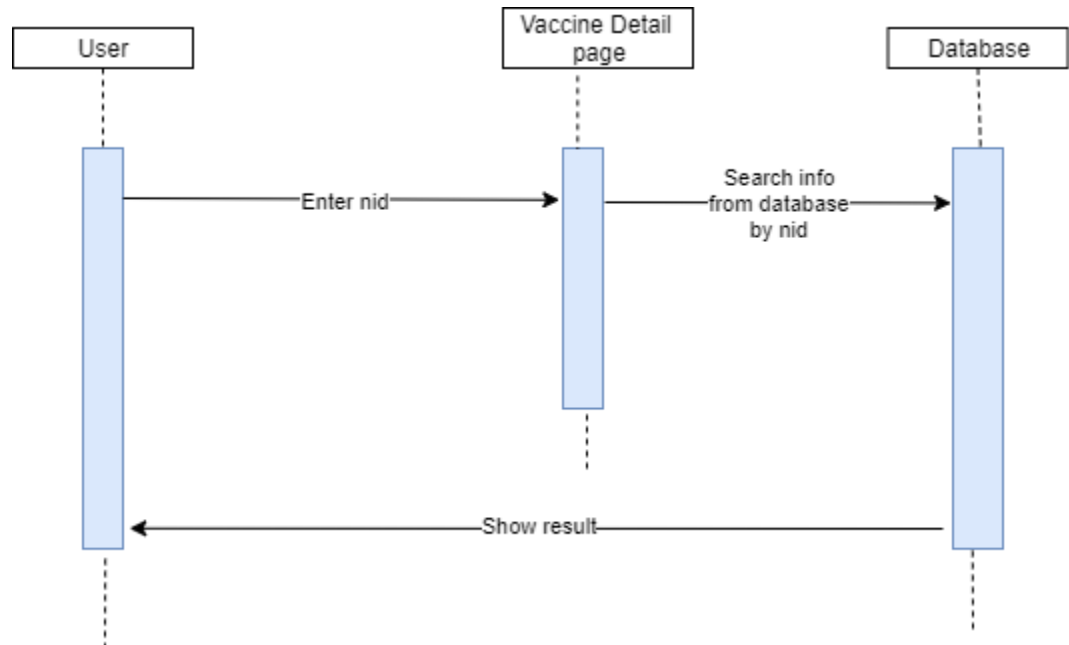


FIG : SEARCH VACCINE CARD

3.4.4 ADMIN LOG IN

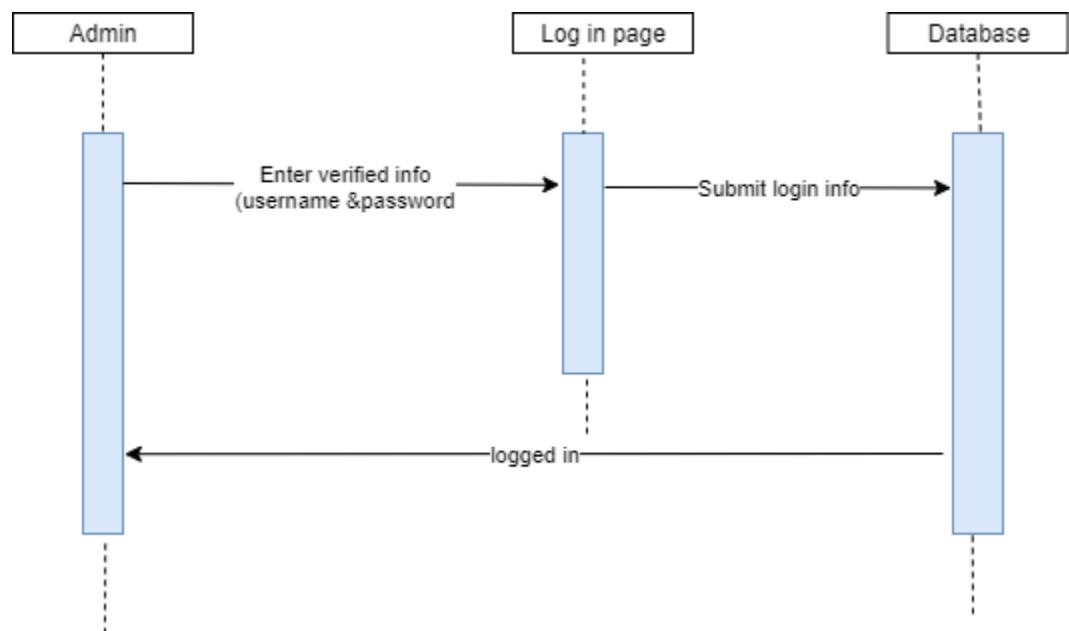


FIG: ADMIN LOG IN

3.4.5 REQUEST FOR 1ST DOSE

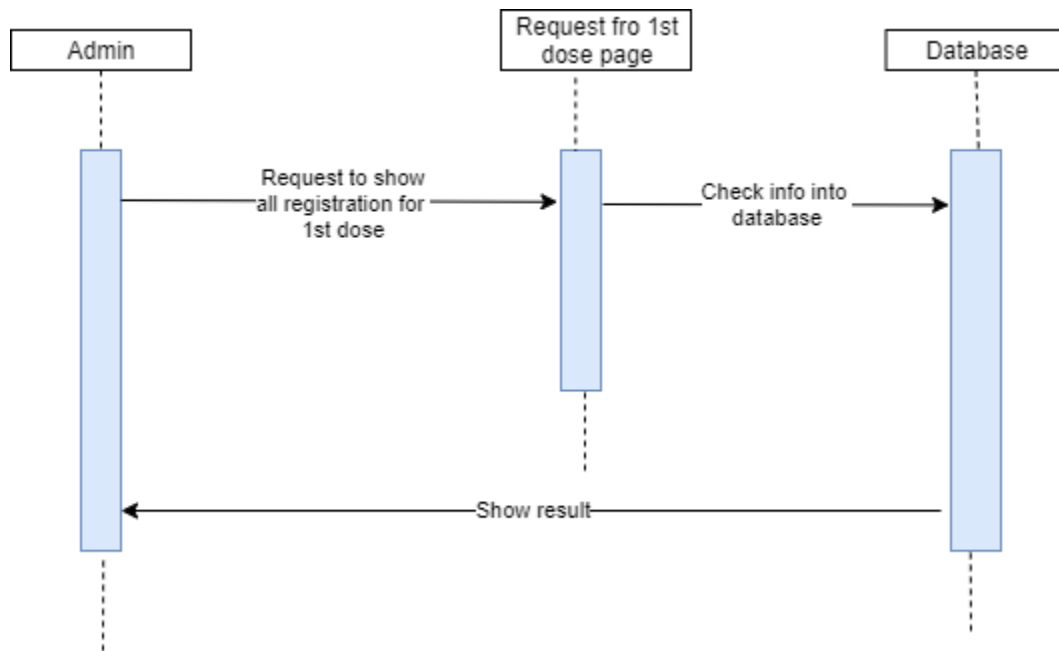


FIG: REQUEST FOR 1ST DOSE

3.4.6 REQUEST FOR 2ND DOSE

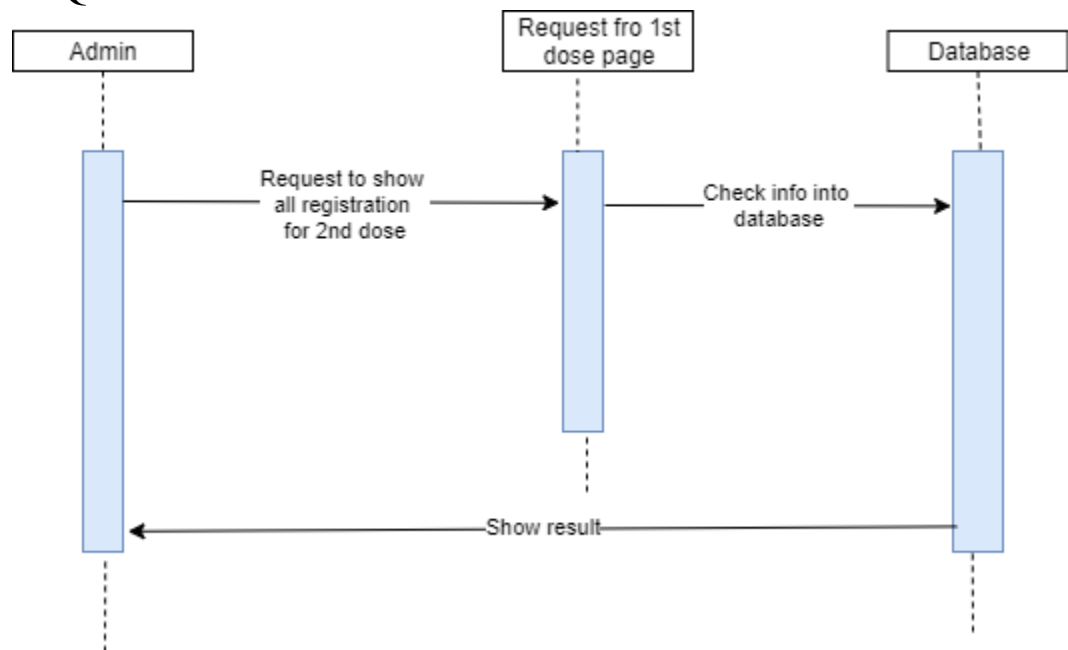


FIG: REQUEST FOR 2ND DOSE

3.4.7 EDIT VACCINE DETAIL

3.4.7.1 INSERT

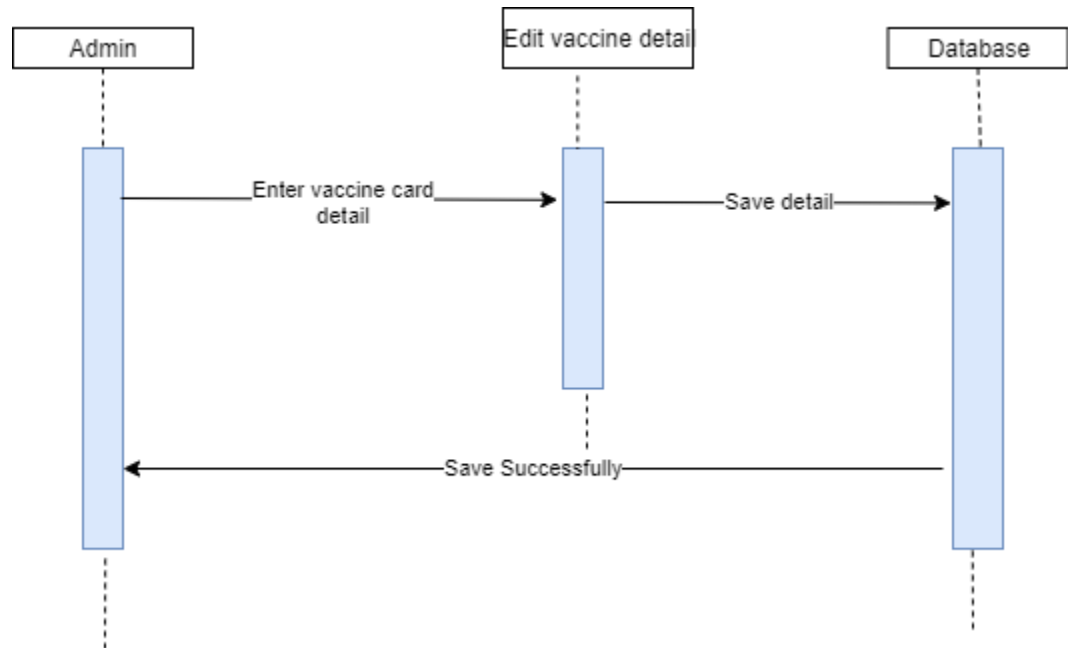


FIG:EDIT VACCINE DETAIL(INSERT)

3.4.7.2 DELETE

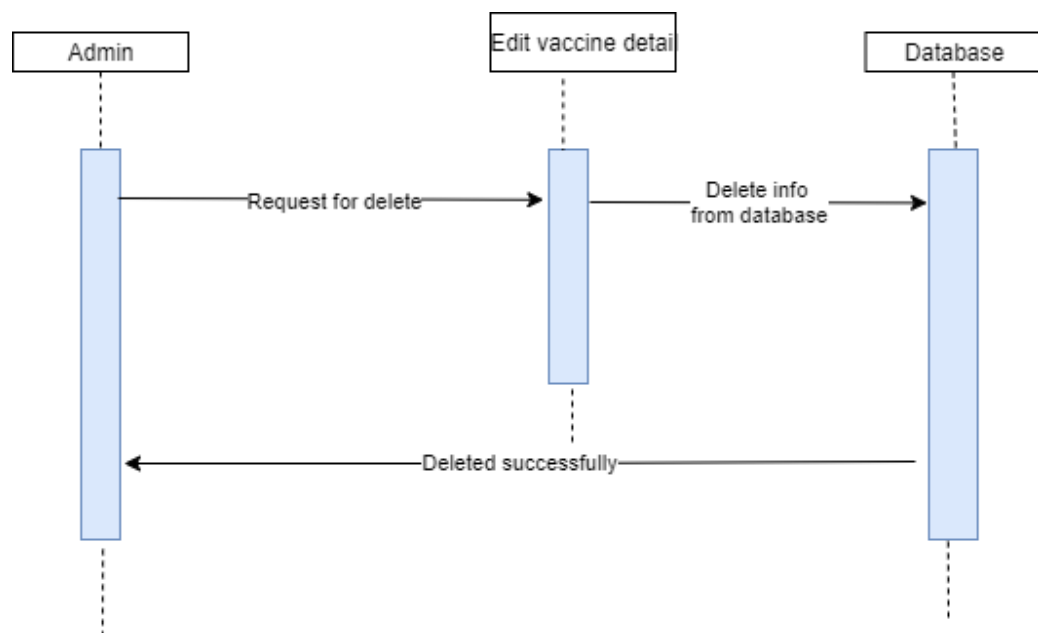


FIG: EDIT VACCINE DETAIL(DELETE)

3.4.7.3 UPDATE

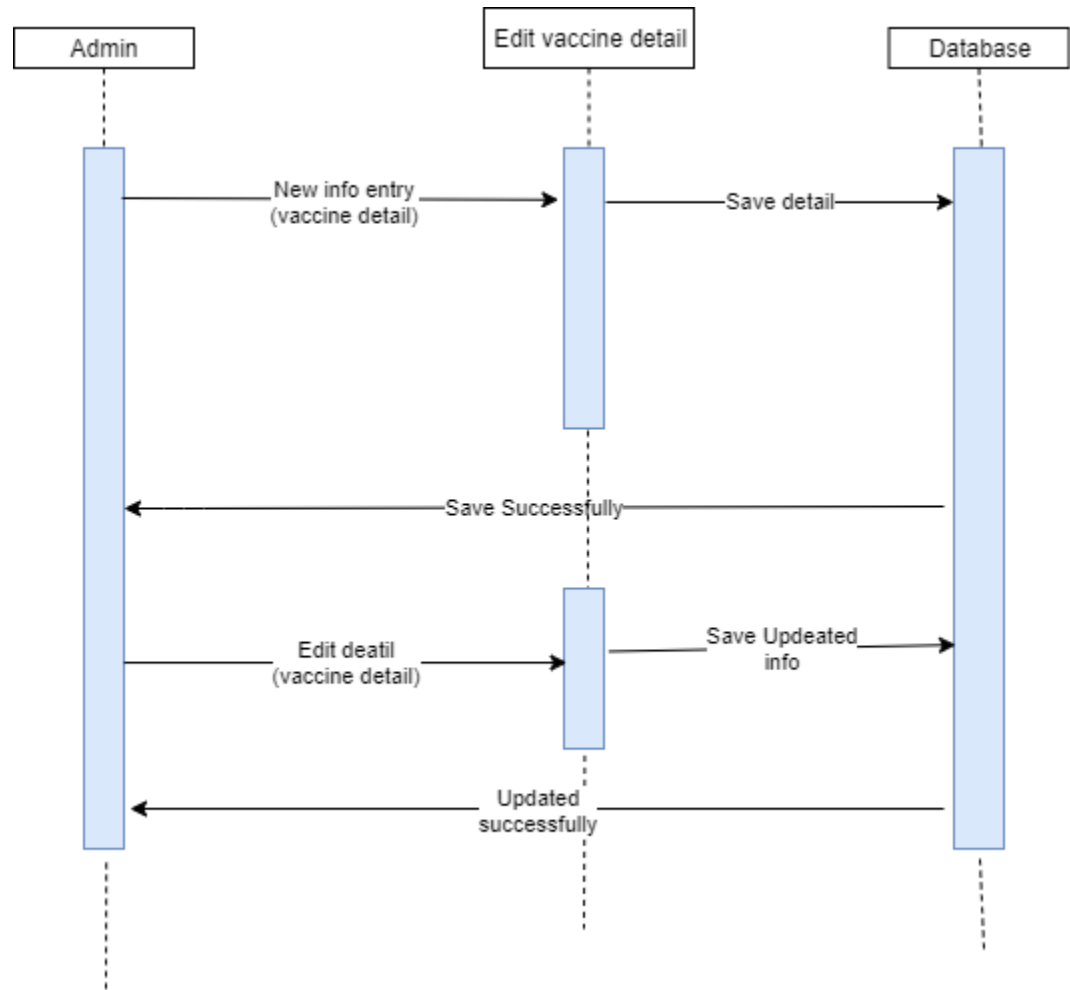


FIG :EDIT VACCINE DETAIL(UPDATE)

3.4.8 EDIT VACCINE CARD

3.4.8.1 INSERT

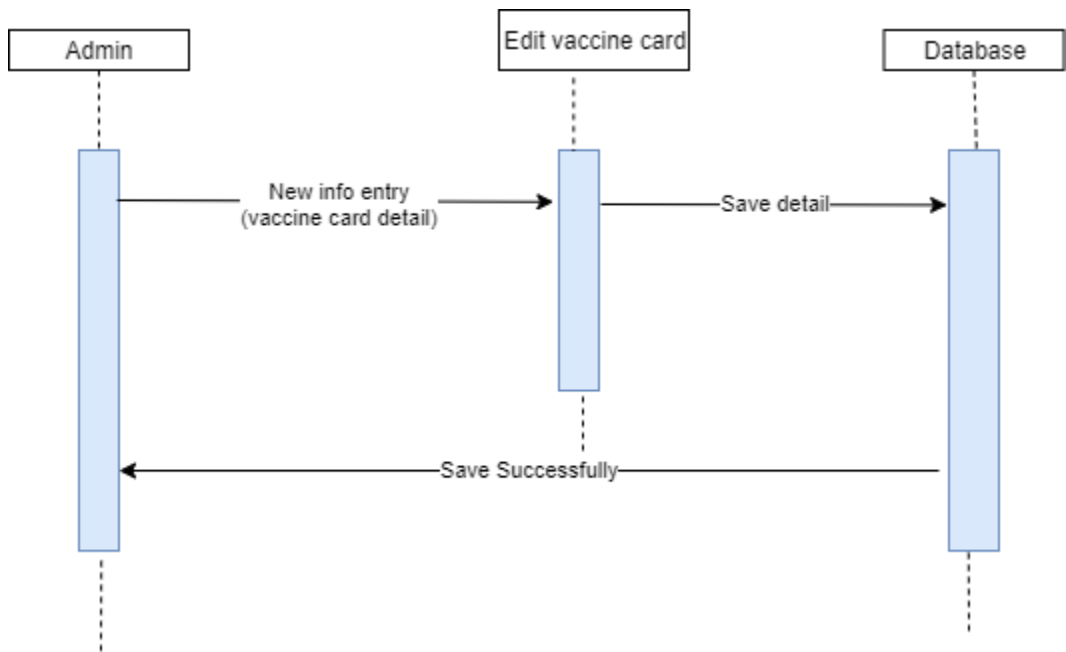


FIG: EDIT VACCINE DETAIL (INSERT)

3.4.8.2 DELETE

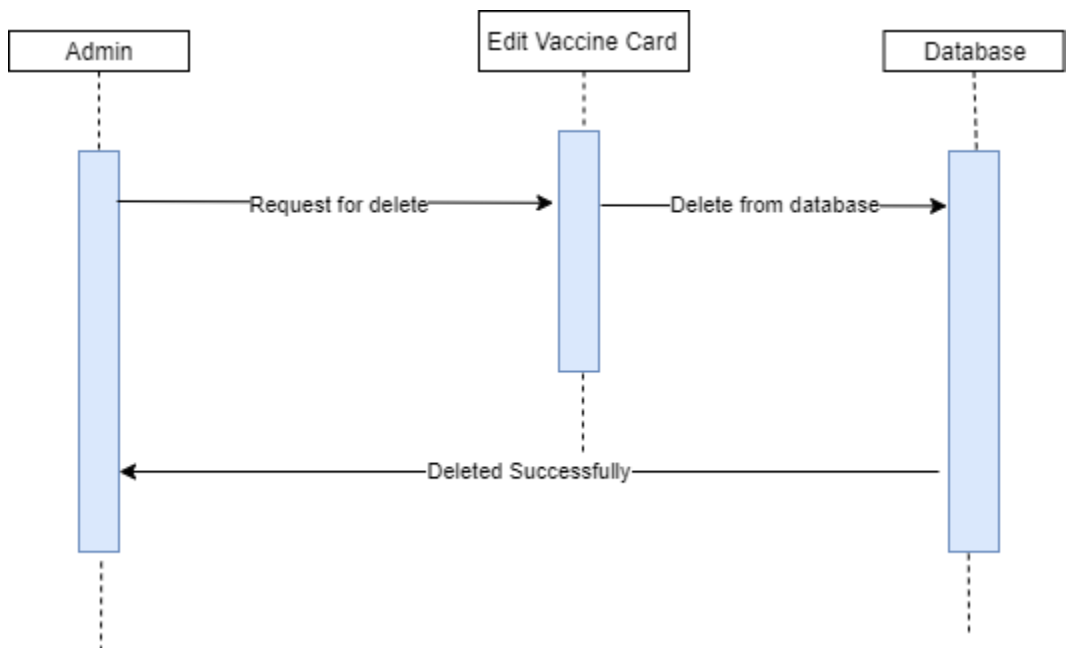


FIG: EDIT VACCINE CARD(DELETE)

3.4.8.3 UPDATE

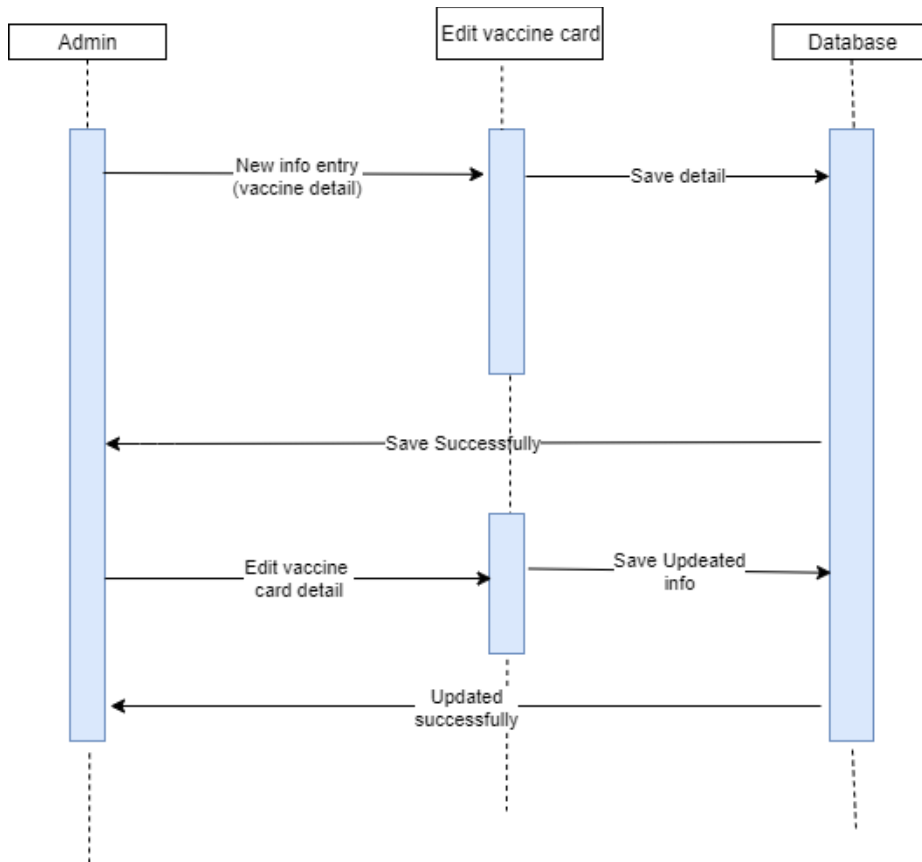


FIG: EDIT VACCINE CARD(UPDATE)

3.4.9ADMIN LOG OUT

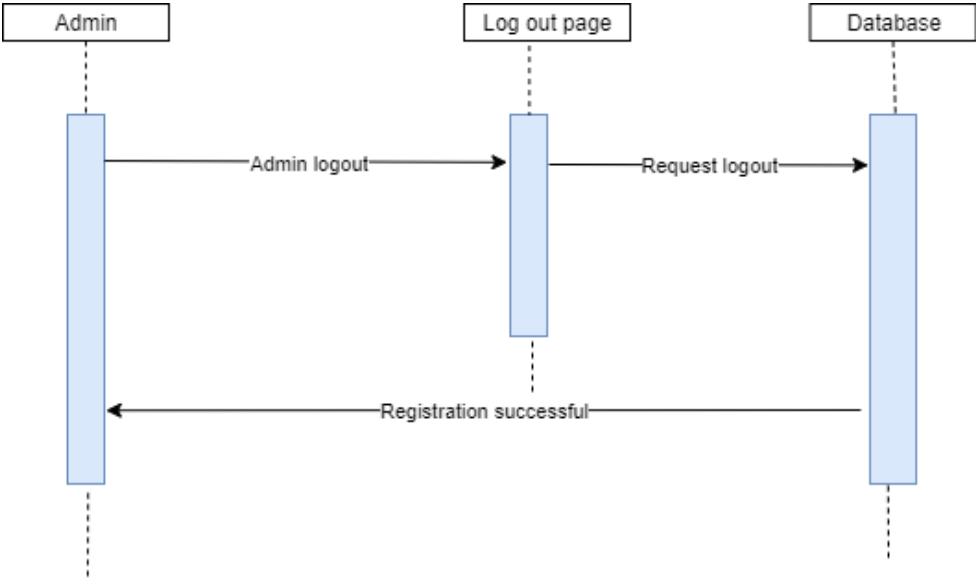


FIG :ADMIN LOGOUT

3.5 CLASS DIAGRAM

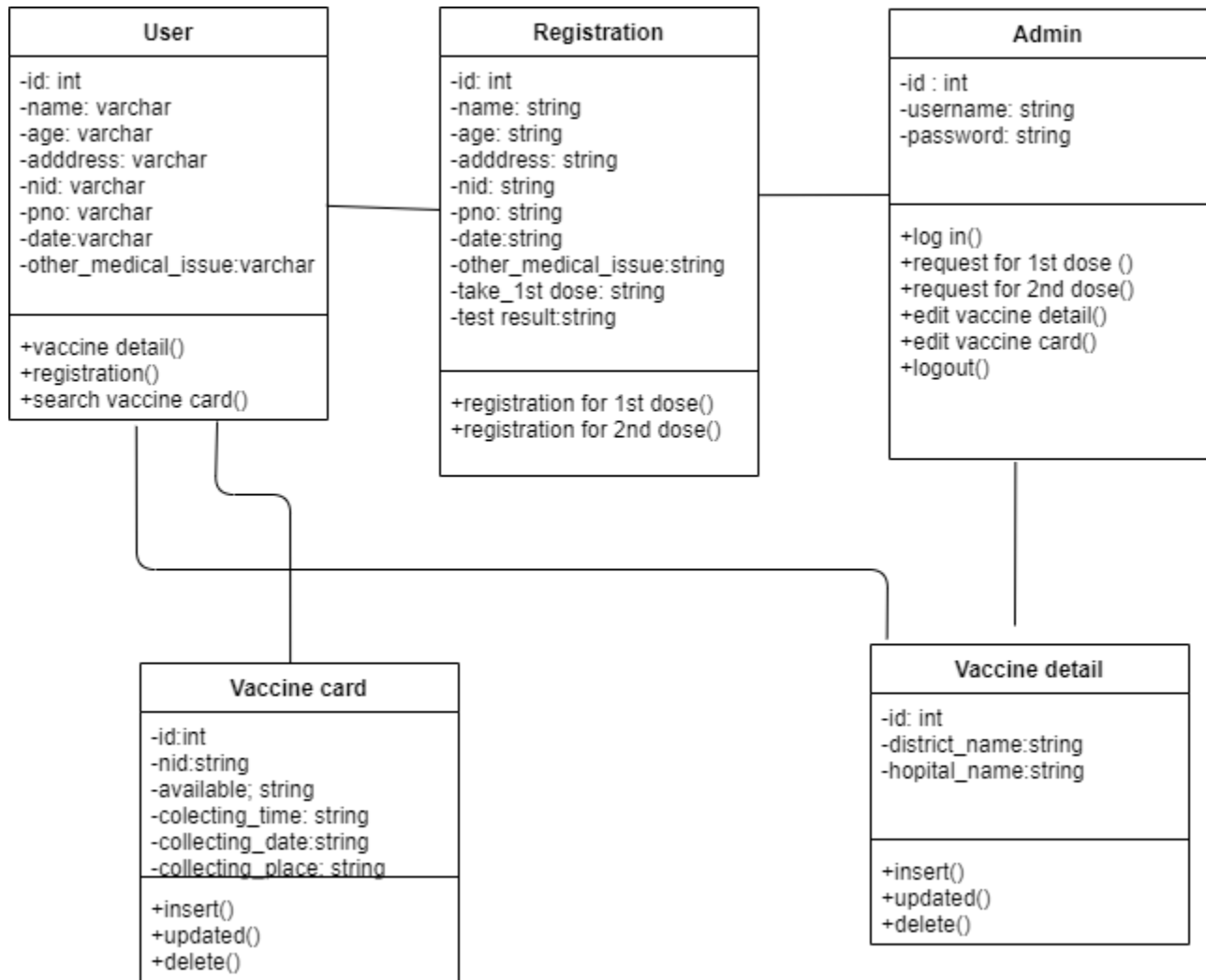


FIG 3.10: CLASS DIAGRAM

3.6 ENTITY RELATIONSHIP DIAGRAM

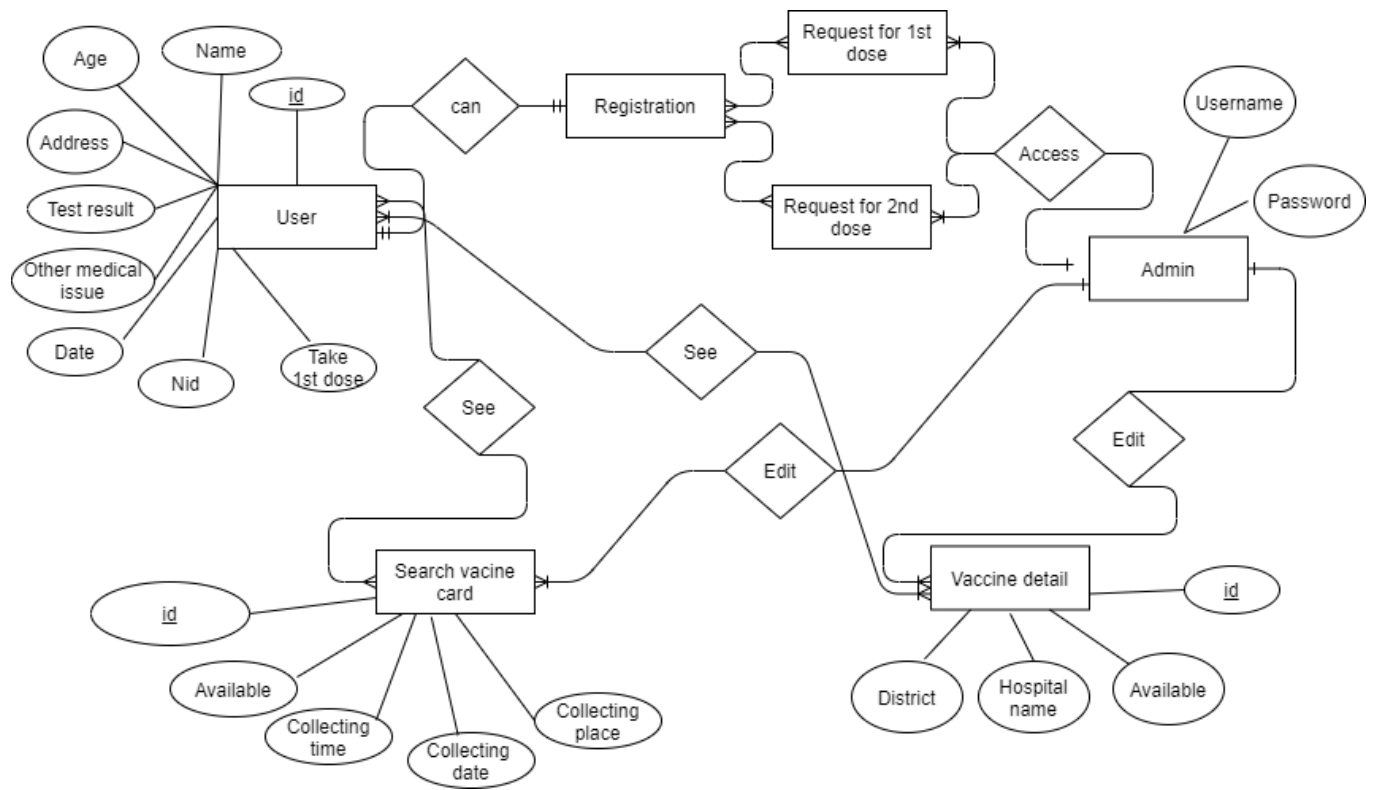


FIG 3.11: ERD

CHAPTER 4:

Testing

4.1 Introduction

Testing is a method of checking whether the software/product matches the expected requirements and whether the software is error free or not. If testing is completed successfully, then the system will run error free.

Basically, there are two types of testing method to check whether the system is error free or not. Among them, one is BlackBox Testing, the other one is WhiteBox testing. For this project, I have executed BlackBox Testing.

Blackbox Testing:

BlackBox testing is a software testing method with which we can test the system without having knowledge of internal code structure, implementation details and internal paths. This testing is mainly focused on the input and output of the software program and it is entirely based on software requirements and specifications.

4.2 Principle of testing

- All the test should meet the customer requirement.
- Testing should be performed by third party users.
- Exhaustive testing is not possible, as we need the optimal amount of testing based on the risk assessment of the application.
- It follows the pare to rule which defines that 80% of the error comes from 20% of program components
- The testing should be started with the short paths then to the large parts.

4.3 Testing featured

A software testing feature can be defined as the changes made into the system to add new functionality or to modify the existing functionality of the project. Each feature holds a characteristics that is designed to be useful, intuitive and effective.

4.3.1 Features to be tested

Before identifying the features to be tested, we need to identify the business operations, scenarios and functionality that are to be tested in each system and sub-system as it holds the values that need to be delivered to the users.

4.3.2 Features not to be tested

This is necessary to identify the featured that need not to be tested because it helps to avoid unnecessary confusions if some part should be tested or not.

4.4 Testing strategy

A test strategy should be planned to define the approach to the Software Testing Life Cycle (STLC). It guides the QA team to define the test coverage and testing scope. It also helps tester to get a clear picture of the project at any instance. The possibility of missing any test activity is very low if the test strategy is guided properly.

4.4.1 Testing approach

A test approach is the test strategy implementation of a project defines how testing need to be carried out. There are two types of test approaches-

- Proactive- An approach in which the test design process is initiated as early as possible in order to find and fix the detects before the build is created.
- Reactive- an approach in which the testing is not started until after design and coding are completed.

4.4.2 Pass/Fail criteria

The entrance criteria for each phase of testing must be met before the next phase can execute.

The criteria for pass-fail are given below-

- According to the given scenario, the expected result need to take place then the scenario will be considered as pass otherwise that criteria would be failed.
- If any item is tested 10 times, among 9 times the system tested successfully and one time failed then that criteria would be failed.
- System crash will be considered as failed case.

4.4.3 Testing schedule

Table 4.1 Testing Schedule

Test Phase	Time
Testing plan create	4 days

Test specification	1 week
Unit testing	2 week
Component testing	6 days
Integration testing	1 week
Validating use cases	1 week
Testing user interface	3 week
Load testing	3 days
Performance testing	1 week
Release to production	1 week

4.5 Testing environment

A testing environment is a setup of software and hardware for the testing teams to execute test cases. In other words, it supports test execution with hardware, software and network configured.

4.5.1 Key areas to set up test environment

For the test environment, the key area to set up includes-

- System and applications
- Test data
- Database server
- Front-end running environment
- Client operating systems
- Browser
- Hardware includes Server Operating System
- Network

4.5.2 Process of software testing environment set up

Following people are involved in test environment setup-

- System Admins
- Developers
- Testers

4.6 Test case

4.6.1 Test case Module-1 for Registration

Table 4.2 Test case for Registration

Test case ID-ATCI	Test design by-
Test priority: High	Test design date:02-04-2021
Module name: Registration	Test execute by: Takia Tasnima
Description: This section covers the functionality of registering new users.	Test execute date:03-05-2021

Precondition: User has no precondition.

Dependencies: Enter input required information.

Step	Test case	Test data	Expected result	P/F	Actual result
01	Enter empty value for all required filed		N/A	P	N/A
02	Enter empty value for any required Filed	N/A	Save successful	P	Save successful
04	New user registration	N/A	Display message “Registration successful”	P	Display message “Registration successful”

4.6.2 Test case Module-2 for Admin Login

Table 4.3 Test case for Admin Login

Test case ID-ATCI	Test design by-
Test priority: High	Test design date:02-04-2021
Module name: Login	Test execute by: Takia Tasnima
Description: This section covers the functionality of login new users.	Test execute date:03-05-2021

Precondition: user has no precondition

Dependancies: enter input required information

Step	Test case	Test data	Expected result	P/F	Actual result
01	Enter empty value for any username and password		Place enter username and password	P	Place enter username and password.
02	Enter correct value for username and password	Admin, pass	Accept	P	Accept
03	Enter wrong value for username and password	Tonni,admin	Username and password doesn't match	P	Username and password doesn't match
04	After giving input click "log in" button	N/A	Direct on admin pannel page	P	Direct oon admin panel page
05					

4.6.3 Test case Module-3 for Vaccine Detail

Table 4.3 Test case for Vaccine Detail

Test case ID-ATCI	Test design by-
Test priority: High	Test design date:02-04-2021
Module name: Login	Test execute by: Takia Tasnima
Description: This section covers the functionality of login new users.	Test execute date:03-05-2021

Precondition: user has no precondition

Dependancies: enter input required information

Step	Test case	Test data	Expected result	P/F	Actual result
01	Request for show vaccine detail		Show all detail	P	Show detail table
02	Request for show vaccine detail		Show all detail	P	Accept

4.6.4 Test case Module-4 for Search Vaccine Card

Table 4.3 Test case for Search Vaccine Card

Test case ID-ATCI	Test design by-
Test priority: High	Test design date:02-04-2021
Module name: Login	Test execute by: Takia Tasnima
Description: This section covers the functionality of login new users.	Test execute date:03-05-2021

Precondition: user has no precondition

Dependencies: enter input required information

Step	Test case	Test data	Expected result	P/F	Actual result
01	Enter nid		Place enter nid	P	Show card available and collect detail
02	Enter serial number		rejected	P	Rejected

Chapter :5

Manual

5.1 Home page



FIG 5.1:HOME PAGE

5.2 VACCINE DETAIL

District Name	Hospital Name	Available
khulna	khulna sadar hospital	no
dhaka	bsmu	yes
Dhaka	Mugdha medical hospital	yes
Dhaka	DMC	yes
Dhaka	Khulna Government Hospital	yes
rajshahi	rajshahi govt hospital	yes
khulna	khulna sadar hospital	noo
tonni	khulna sadar hospital	no

[Registration For Vaccine](#)

[Home](#)

FIG 5.2: VACCINE DETAIL

5.3 REGISTRATION



FIG 5.3: REGISTRATION

5.3.1 REGISTRATION FOR FIRST DOSE

Name	<input type="text" value="Takia Tasnima"/>
Age	<input type="text" value="23"/>
Address	<input type="text" value="dhaka"/>
Covid test result	<input type="text" value="negative"/>
Other Medical Issue	<input type="text" value="NO"/>
Phone Number	<input type="text" value="01233455678"/>
Date	<input type="text" value="24-10-20"/>
Enter NID Number	<input type="text" value="1234567890"/>
	<input type="button" value="Save"/>

FIG 5.3.1: REGISTRATION FOR 1ST DOSE

5.3.2 REGISTRATION FOR 2ND DOSE



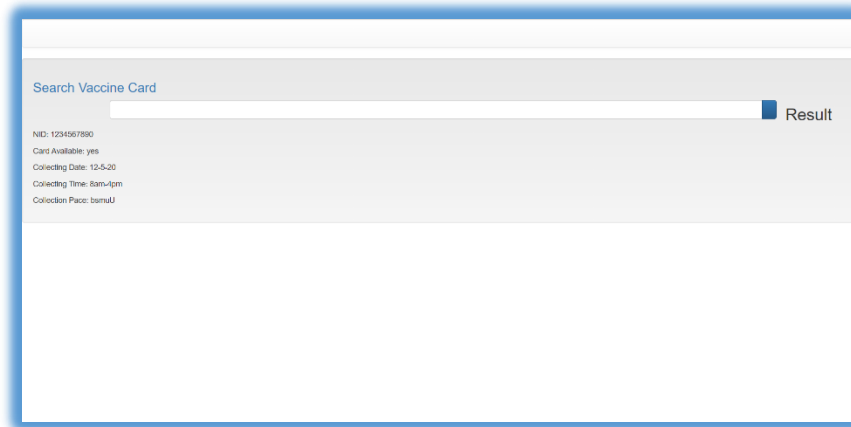
The screenshot shows a registration form with the following fields and values:

- Enter NID Number: 1234567890
- Complete Dose one?: yes
- When did you take the 1st dose?: 24-10-20
- Phone Number: 0123456789
- Enter Serial Number: 12235

A "Save" button is located at the bottom left of the form.

FIG 5.3.2: REGISTRATION FOR 2ND DOSE

5.4 SEARCH VACCINE CARD



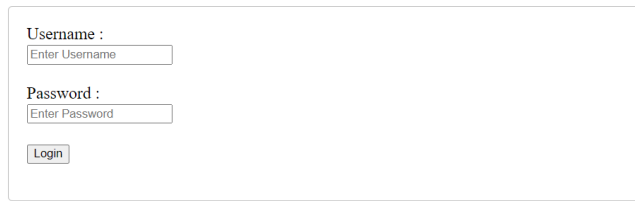
The screenshot shows a search interface for a vaccine card. It includes a search bar with a "Result" button. Below the search bar, the following information is displayed:

- NID: 1234567890
- Card Available: yes
- Collecting Date: 12-5-20
- Collecting Time: 8am-4pm
- Collection Place: bamaU

FIG 5.4: SEARCH VACCINE CARD

5.5 ADMIN LOGIN

Admin Login



A login form with two input fields and a button. The first field is labeled 'Username :' and contains the placeholder text 'Enter Username'. The second field is labeled 'Password :' and contains the placeholder text 'Enter Password'. Below the password field is a 'Login' button.

FIG 5.5: ADMIN LOGIN

5.6 ADMIN PANNEL

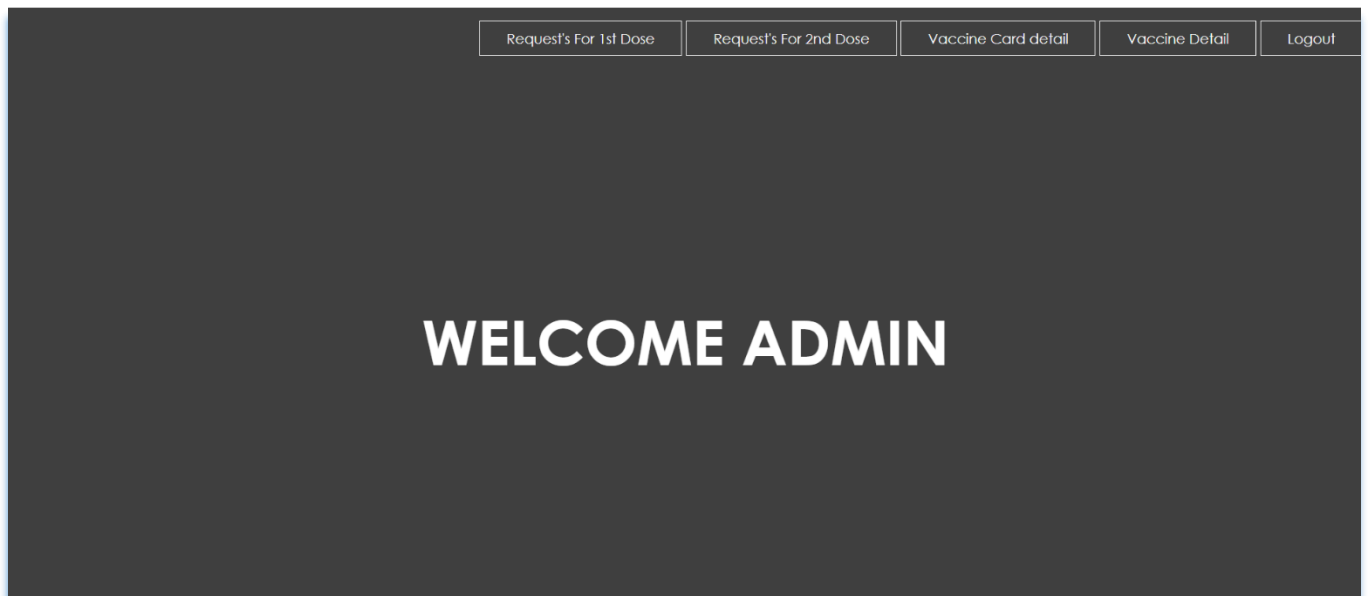


FIG 5.6:ADMIN PANNEL

5.7 REQUEST FOR REGISTRATI (1ST DOSE)

Name	Age	Address	Covid Test Result	Other Medical Issue	Phone Number	Date	NID
tonni	23	dhaka	negat	no	0123456789	12-23-20	1234567890
Takia Tasrma	23	dhaka	negat	NO	01233455678	24-10-20	1234567890

FIG 5.7 : REQUEST FOR REGISTRATI
(1ST DOSE)

5.8 REQUEST FOR REGISTRATI (2ND DOSE)

NID	Complete Dose One	Date of Taking 1st Dose	Phone Number	Serial Number
1234567890	yes	12-5-20	019273645	12235

FIG5.8: REQUEST FOR REGISTRATI
(2ND DOSE)

5.9 EDIT VACCINE DETAIL

• [New Information Entry](#)

District Name	Hospital Name	Available	Action	
khulna	khulna sadar hospital	no	Edit	Delete
dhaka	bsmu	yes	Edit	Delete
Dhaka	Mugdha medical hospital	yes	Edit	Delete
Dhaka	DMC	yes	Edit	Delete
Dhaka	Khulna Government Hospital	yes	Edit	Delete
rajshahi	rajshahi govt hospital	yes	Edit	Delete

FIG 5.9: EDIT VACCINE DETAIL

5.10 EDIT VACCINE CARD

• [New Information Entry](#)

NID	Card available	Collect date	Collect time	Collect place	Action	
1234567890	yes	12-5-20	8am-4pm	bsmuU	Edit	Delete

FIG 5.10: EDIT VACCINE LIST

Chapter-06:

Conclusion

6.1 Critical Evolution

User should know the basic English language knowledge and basic application operation. Admin should have verified username ,password and only than he can log in and operate the application.

6.2 Limitation

It is very difficult to develop something without any limitations. This project has some limitations. Limitations are as follows-

- Here user can register them only.
- After confirm the registration user can not get the conformation message.
- Vaccine card is not available for online , they have to collect it form the giving date.
- Any function of getting the conformation from the system is not available now.

6.3 Future Scope

This web site avoids the manual work and the problems concern with it. But still, I think the UI design can be done in a better way. Due to timing concern, I am unable to develop a better UI design and add some new features for the project. For that reason, I am going to develop a better UI design for the project and some new features like following-

- Chat and notification
- Online vaccine card
- Send confermation messege

6.4 Final Synopsis

It has been a great pleasure to work on this project. This project helps to know about new technologies. It will help people to solve their problems.

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