

***Stamford University Bangladesh***  
Department of Computer Science & Engineering

# MediVacX

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## DATABASE MANAGEMENT SYSTEM SESSIONAL

Submitted By:

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## **ABSTRACT:**

The MediVacX is an online based web application which helps to distribute vaccines, medicines, tele-medicine supports, etc. via online registration/prescription details. This application provides users to get all types of vaccines, medicines or the supports from the doctors from anywhere where networks can be reached. The user can add all the details of their current stage and can get the service. Admin will then check those details and will ensure whether they need vaccines or any telemedicine support or not. The user needs to complete the payment process to get the medicines and supports by online gateway system.

## **FEATURES:**

The whole project will work like below:

### ➤ **User part:**

- ✓ User can login to the system to get the packages of vaccination/medicines.
- ✓ User can get tele-medicine support 24/7.
- ✓ User can get doctor appointment.

### ➤ **Admin part:**

- ✓ Admin can help the user to get allocation for vaccines.
- ✓ Admin can receive payment for all types of supports.
- ✓ Admin can manage doctor appointment request.
- ✓ Admin can control which medicines a user can take.

### ➤ **Medical College Allocation:**

- ✓ User can request for medical college allocation.

### ➤ **Payment process:**

- ✓ User can pay easily through the payment gateway system.

➤ **Database record:**

- ✓ There will be records of every types of transaction history.
- ✓ Registration records of vaccines history.
- ✓ User details will be recorded.

➤ **Registration system:**

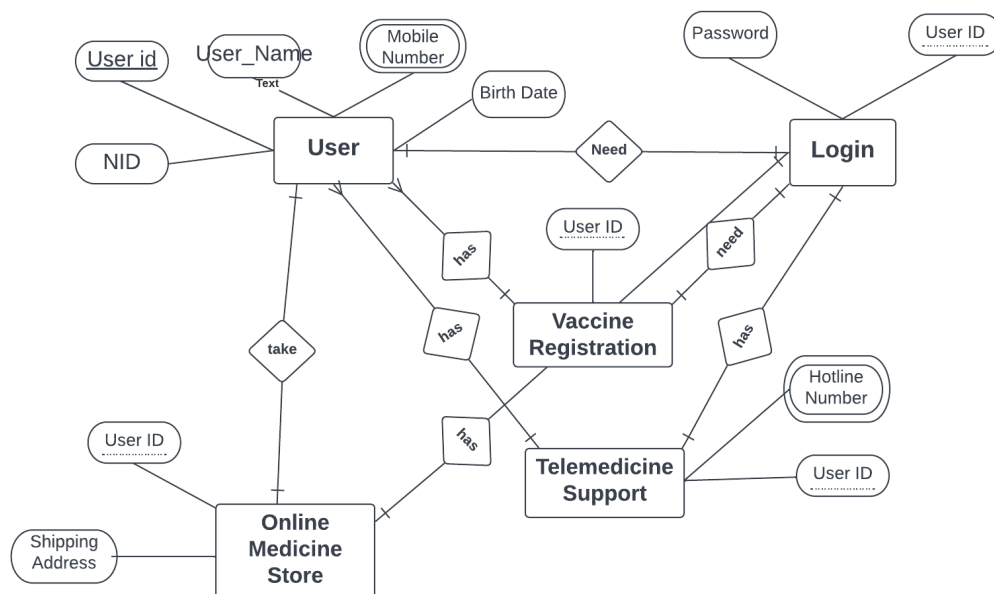
- ✓ User can easily register for vaccines.

➤ **Admin control:**

- ✓ Admin can add the information of user.
- ✓ Admin can delete the information of user.
- ✓ Admin can update the information of user.

**ERD:**

You have to include your project's ERD here.



**SCHEMA TRANSLATION:**

The schema translation of the ERD is given below:

Login(Password, User\_Id)

User(User\_Id, User\_Name, Mobile\_Number, NID, Birthdate)

VaccineRegistration(User\_Id)

OnlineMedicineStore(User\_Id, Shipping Address)

TelemedicineSupport(Hotline Number, User\_Id)