INTRODUCTION

The coronavirus COVID-19 pandemic is the defining global health crisis of our time and the greatest challenge world is facing right now. Since its emergence in Asia in 2019, the virus has spread to every continent.

World have reached the tragic milestone of more than 3 million deaths. There have been more than 141 million confirmed cases of covid-19 worldwide. India (second most affected nation) has recorded,31.8 million confirmed cases with 568K deaths.

CURRENT SCENARIO

- Number of Active cases rising
- Death rate increasing.
- Hospitals are overflowed.
- Lockdown has been imposed for 1 week in many states including delhi.

WHAT WE NEED?

- Faster vaccination drive.
- Availability of beds in hospitals.
- Strict social distancing rules.
- Quick covid-19 test.

COVID ASSIST SYSTEM

This System aimed to assist the covid patients in this difficult time of Global Pandemic.

It consists of two major modules:

1. Vaccine Registration
2. RT-PCR Test Registration

VACCINE REGISTRATION

This will help the people to find the nearby vaccine centers and register themselves to be vaccinated by selecting the vaccination center and time slot.
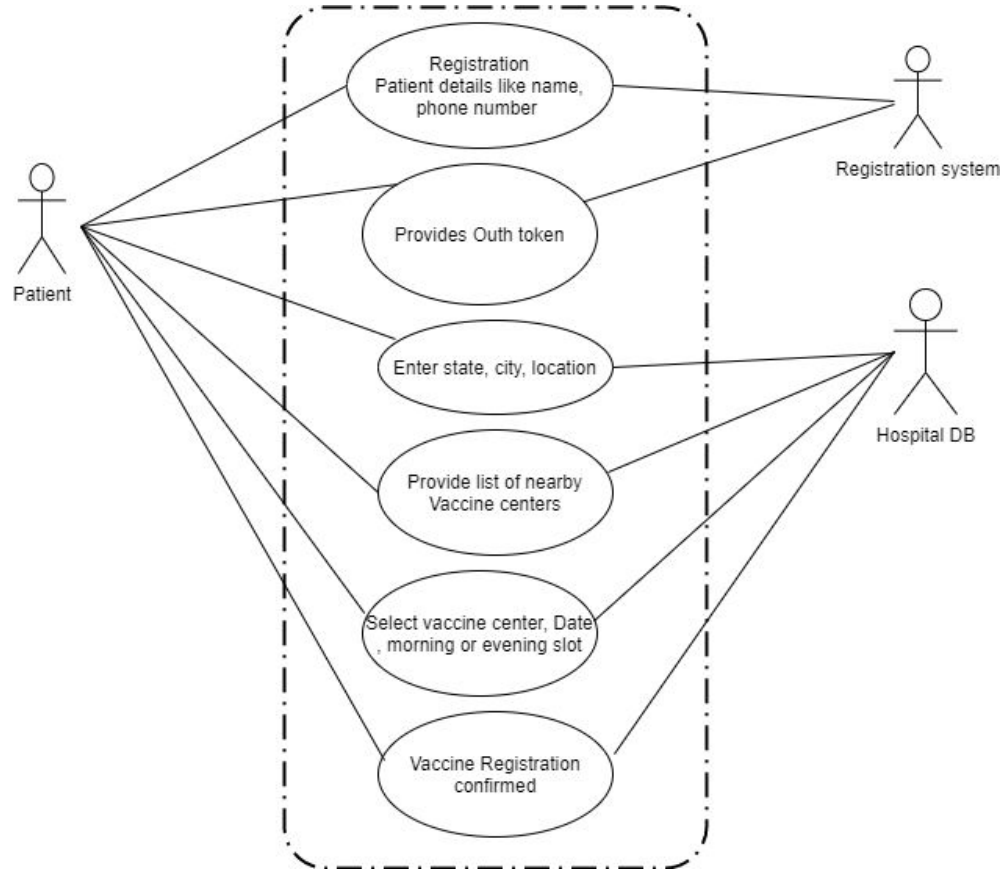
1. Patient enter his name, any identity name and phone number
2. Entering the date, selecting morning or evening slot
3. OTP Verification of phone number (optional)
4. Enter State, City, Pincode
5. Backend fetches nearby vaccine centers for vaccination
6. Choosing vaccine center of our choice
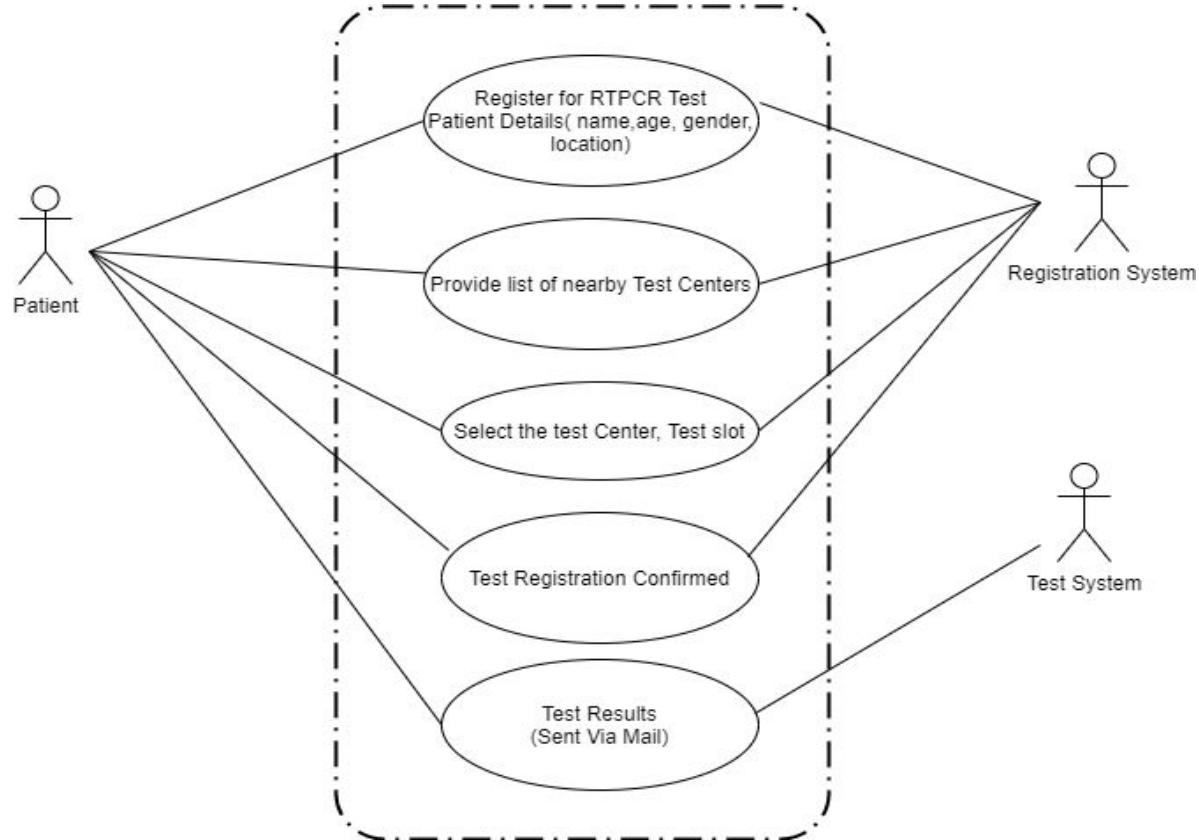7. Booking Confirmation

RT-PCR TEST REGISTRATION

This will help the people to find the nearby test centers and register themselves to get their RT-PCR Test done. The results of the test will then be communicated to them via email.

1. Patient enter his name, any identity name and phone number
2. Enter State, City, Pincode
3. Backend fetches nearby Test centers to conduct the RT-PCR Test.
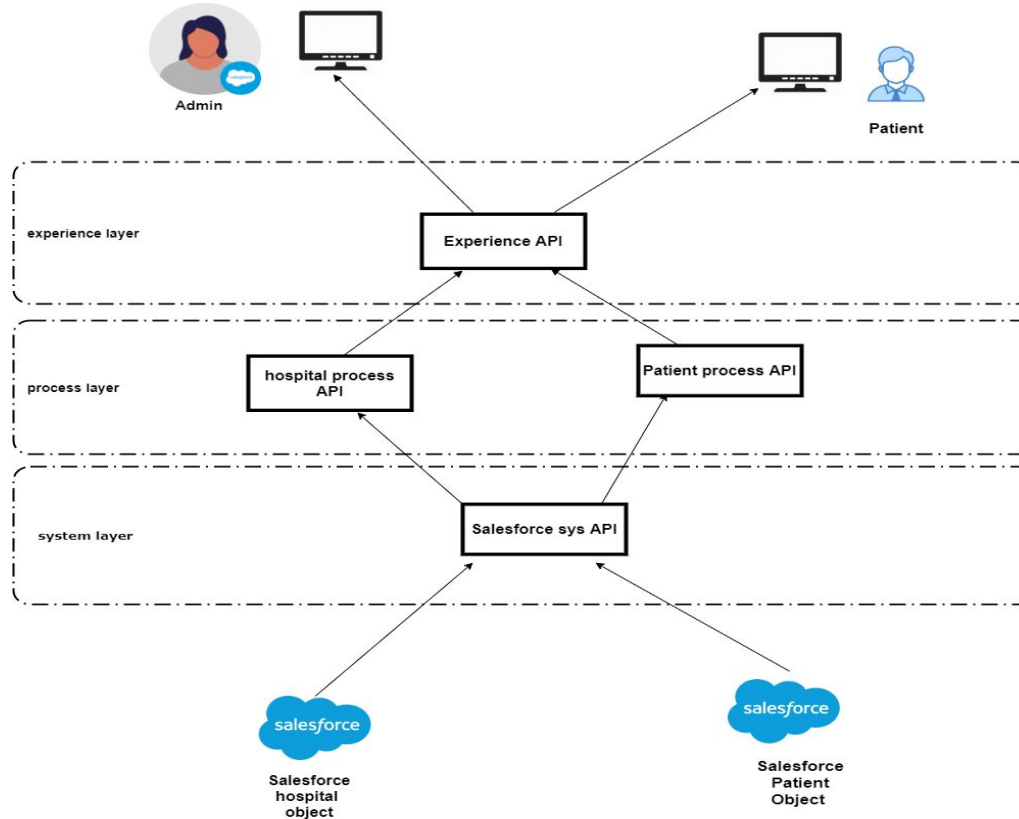4. Choosing Test center of our choice
5. Booking Confirmation

Vaccine Registration UseCase Diagram

RTPCR Registration UseCase Diagram

Architectural diagram

DATABASE DESIGN