



STARTUP HEALTHY

TAKE CARE OF YOURSELF

Submitted by

GROUP 4

GROUP MEMBERS :

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INTRODUCTION

- In this project we are introducing an android application that can be your guide on this pandemic
- The purpose of an application in healthcare system is to develop and automated tool for identifying and disseminating relevant pandemic situations and to provide a better care.
- In this system we can access to all the information related to current pandemic situation and to connect with the health experts and provide an easy way to access the emergency services.
- We need to find out the importance of vaccines
- Most importantly we are need to be more vigilant

EXISTING SYSTEM

- There is only a single app named Arogyasetu.
- But we can't use it for other variants of covid
- The details about the pandemic are shattered on multiple websites
- We can book vaccine only for covid on Arogyasetu.
- We need to contact the hospitals to get any information's about other vaccines like polio etc.
 - Arogyasetu
 - Cowin
 - <https://www.worldometers.info/coronavirus/>

DISADVANTAGES OF EXISTING SYSTEM

- Doesn't get any idea about the upcoming covid status
- Can't book other vaccines
- We need to contact with the hospitals to collect information's about other vaccines
- We are not easily able to find out the current status of the district (Is in Red alert or yellow alert something)
- We can't find out the covid care centers easily
- We can't find out the availability of bed, ventilators, ICUs etc. easily

PROPOSED SYSTEM

- Can be able to predict the covid status of upcoming days using the api
- We can book covid vaccines as well as other vaccines like polio and others
- We can acquire all the information's about the vaccines without visiting the hospitals
- All the needs like Book vaccines, Covid updates and all others related to current pandemic situation comes under an umbrella
- We can get real time information's about the alerts given to the containment zones
- We can easily find out the information's related to covid care centers
- We can get the details of the availability of bed, ventilators, ICUs etc. on hospitals and also we can book them

HARDWARE REQUIREMENTS

Minimum Hardware Requirements

Main Processor	Intel core i3 or above
RAM	8 GB or Above
Keyboard	Standard 108 keys
Mouse	3D Optical mouse
Monitor	15" Standard
Hard disk	10 GB of available disk space minimum or above

SOFTWARE REQUIREMENTS

Minimum Software Requirements

Operating System	64-bit Microsoft® Windows® 8/10/11
Programming Language	Java, Android
RDBMS	MYSQL
Web Server	Apache Tomcat & Glassfish Server
Scripting language	JSP

MODULES

The main modules present in the system are:



1. ADMIN



2. USER



3. HOSPITAL

ADMIN

- The admin module is responsible for the overall management of this system.
- Manage containment zones and Emergency services
- Able to acquire all the details of covid status both graphically and digitally
- Access the news and guidelines provided by the government authorities.
- Controls the feedback section

USER

- Get the real-time covid data in both graphically and digitally.
- Locate the nearby covid care centers easily by accessing the location services
- Seek the availability and book the services of the hospital.
- View the news and guidelines provided by the government
- Emergency services.
- Book vaccination not only for covid.
- Add feedback on these services.

HOSPITAL

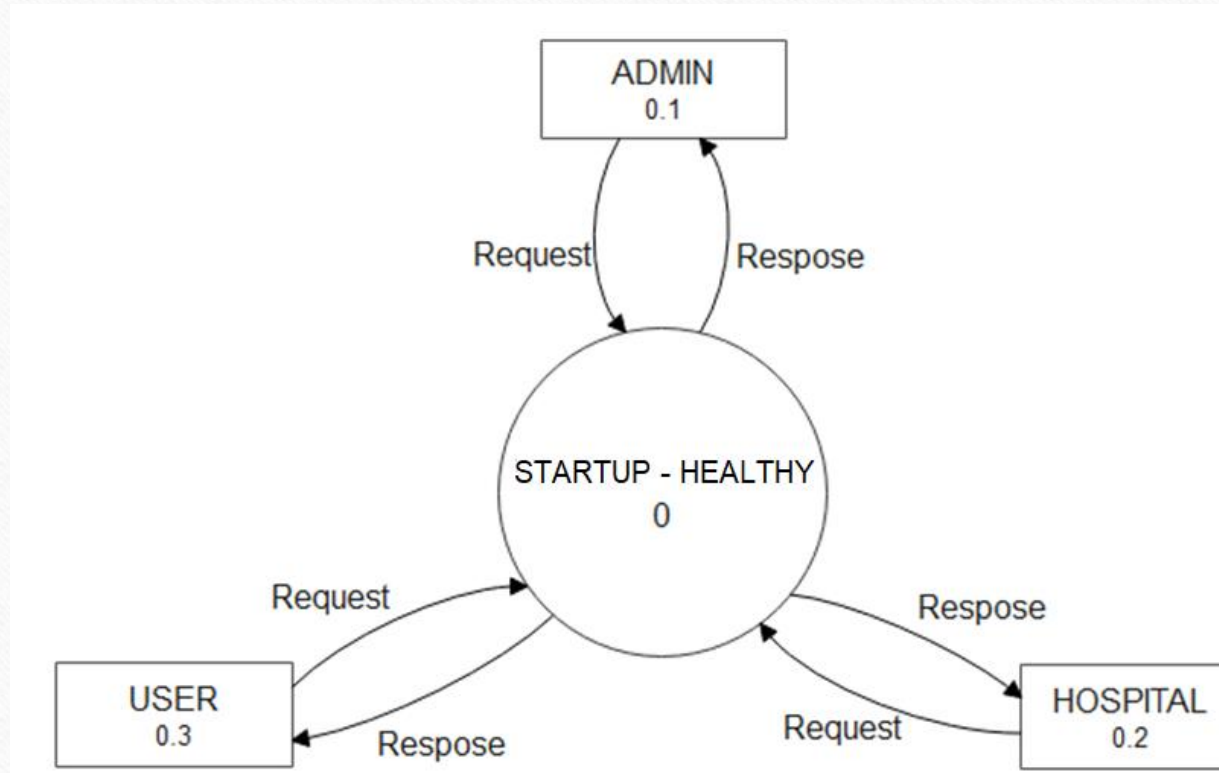
- Update the availability of the services provides by the hospitals in real-time.
- Manage the vaccination
- Verify the payment (For Private Hospitals)
- Provide feedback to admin



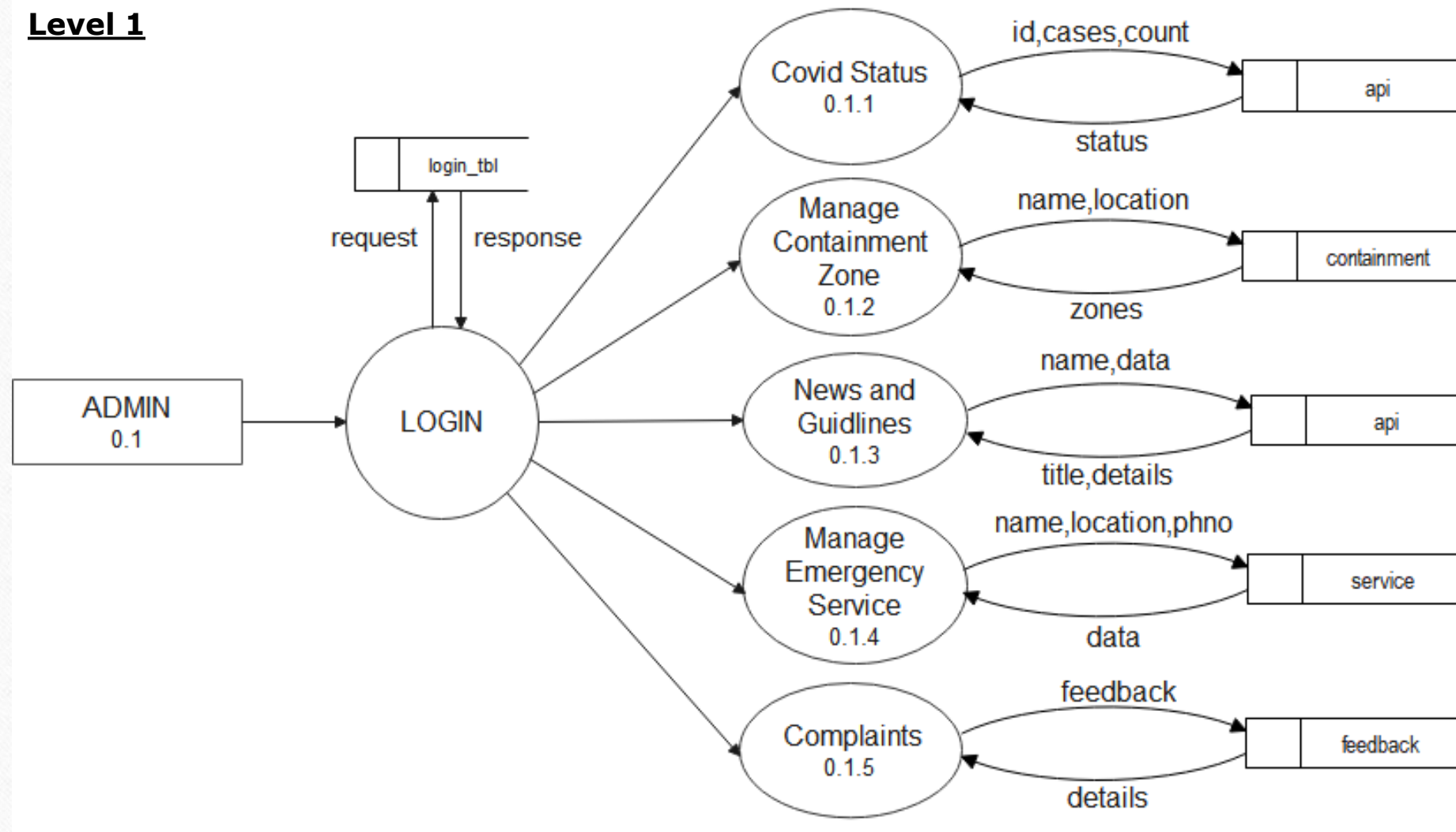
DESIGN

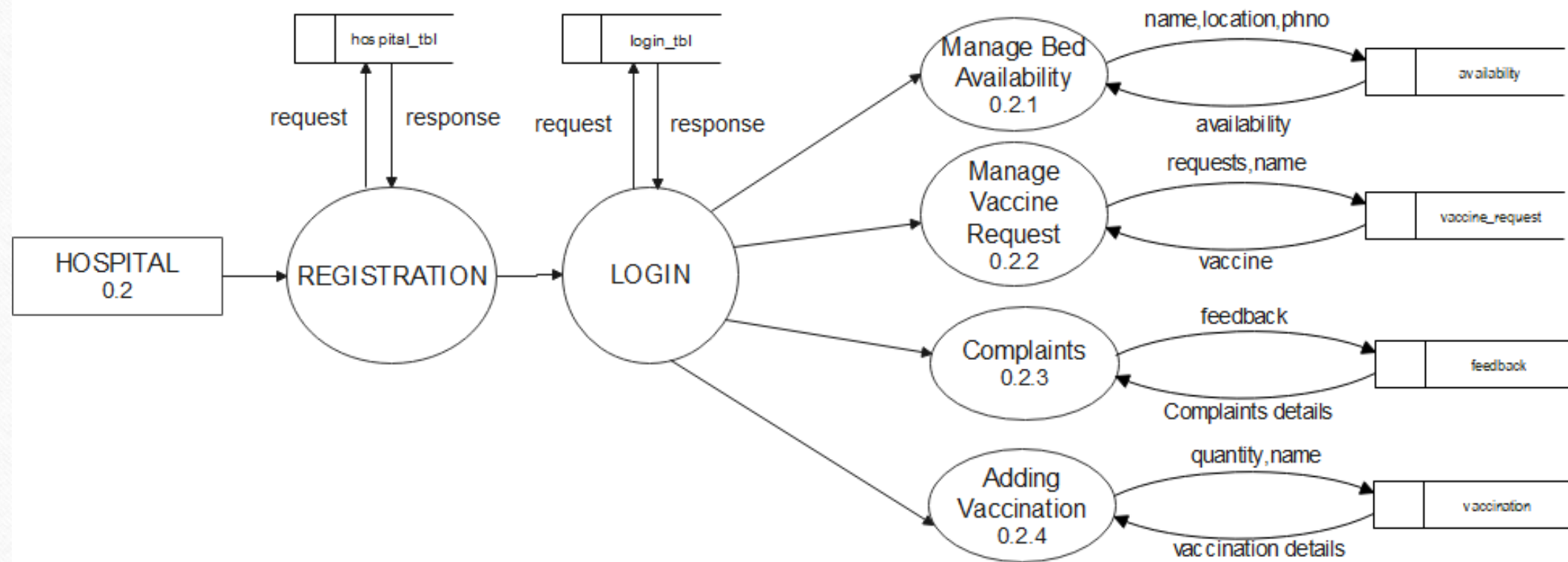
Data Flow Diagram

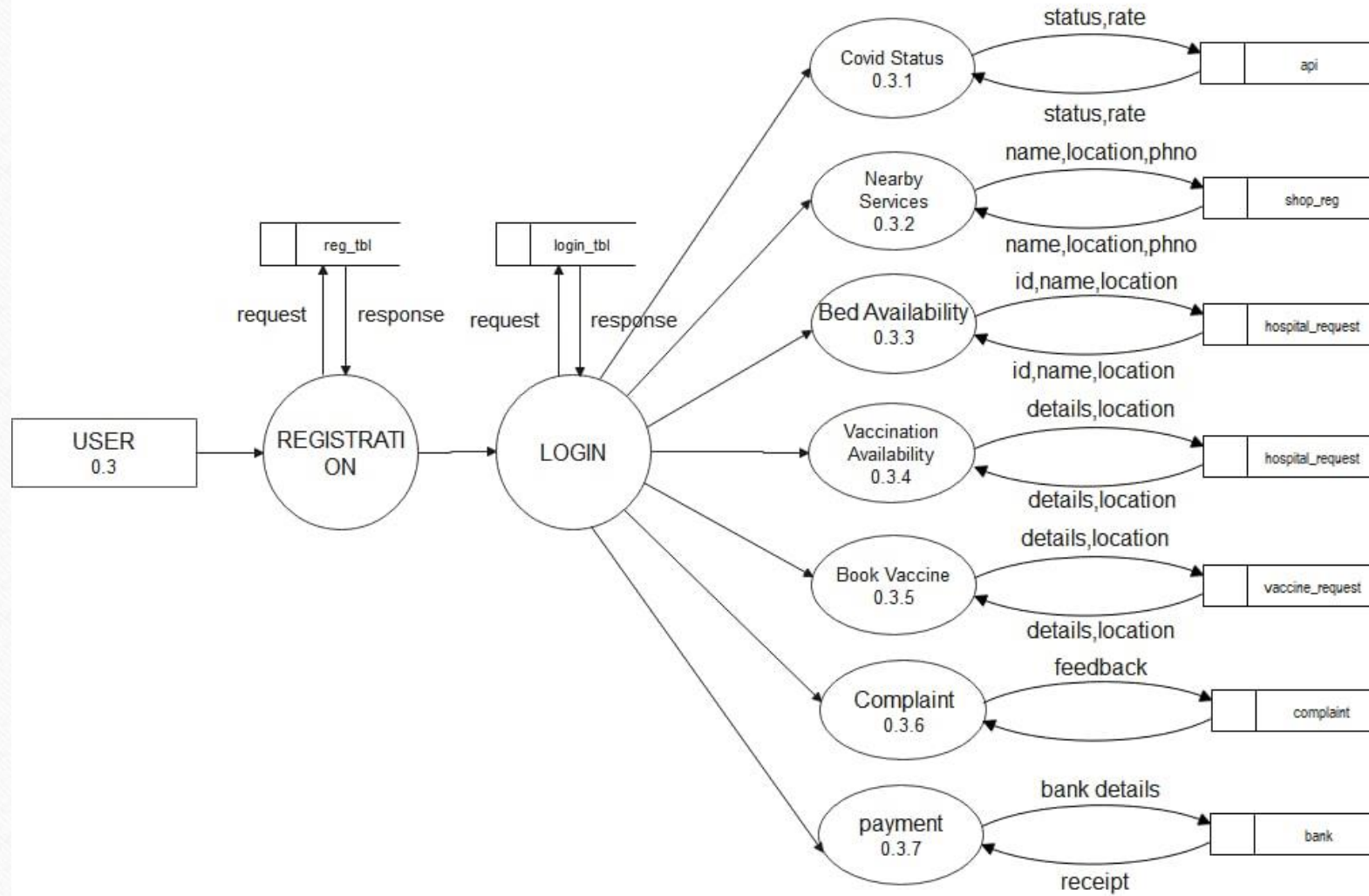
Level 0



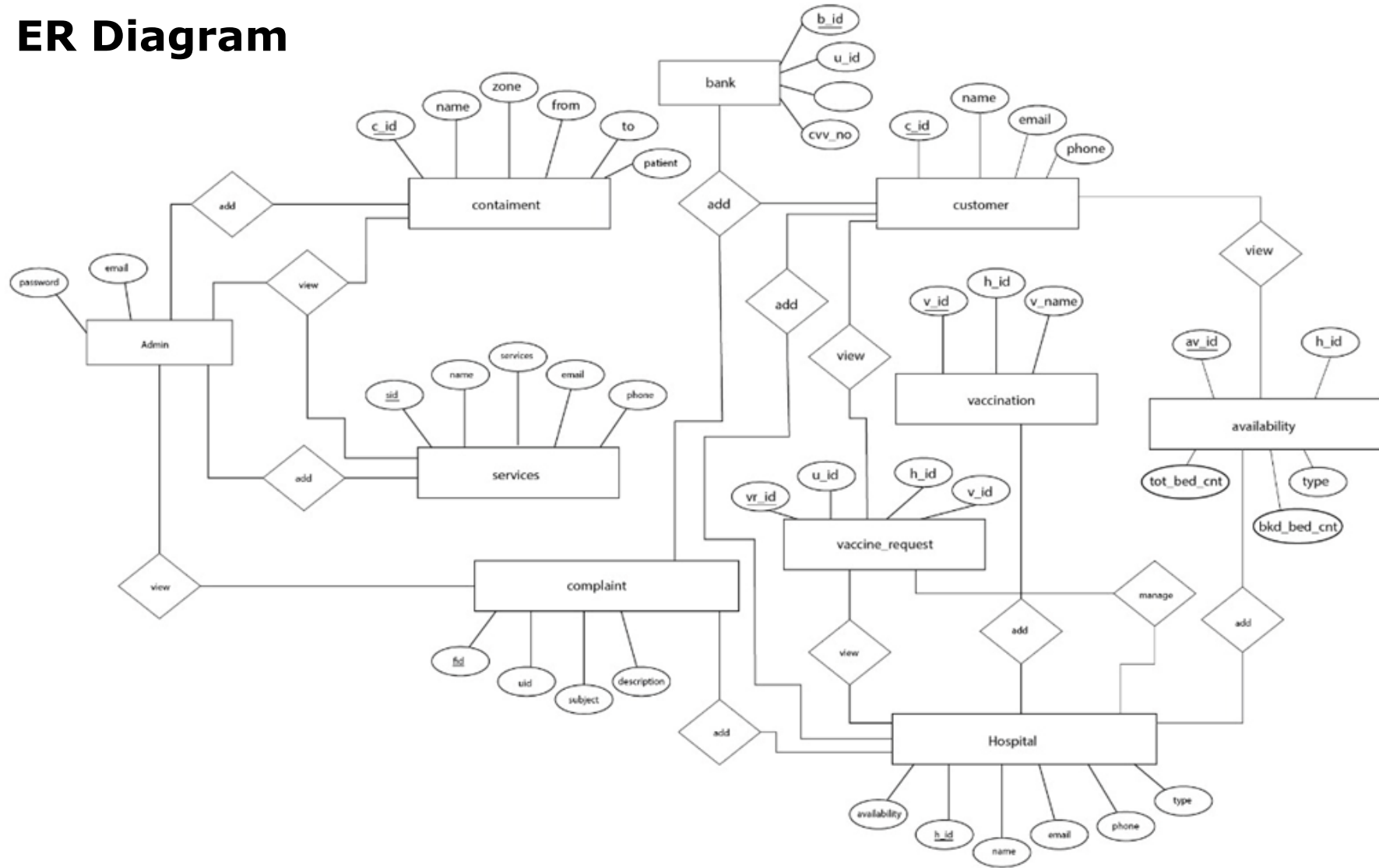
Level 1





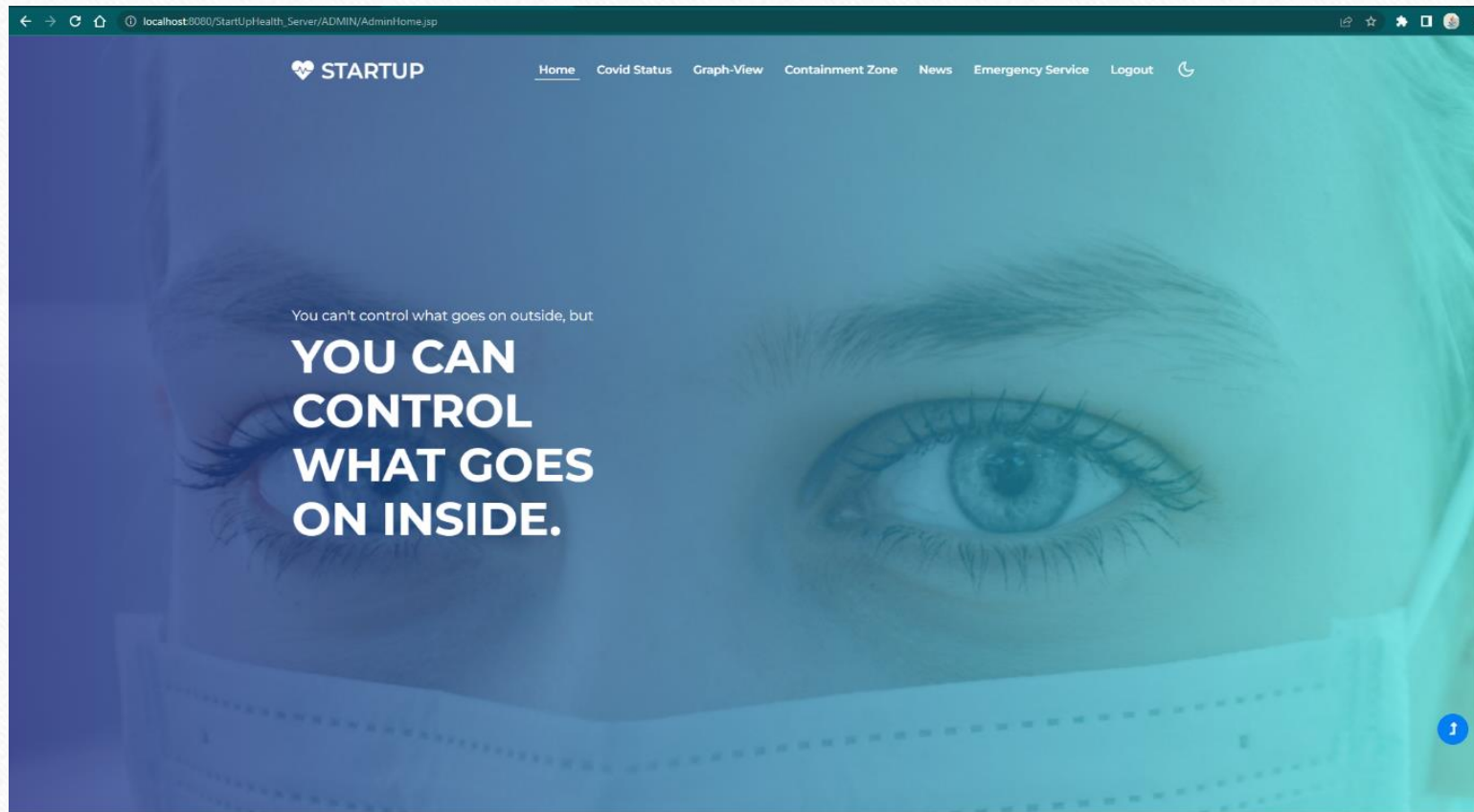


ER Diagram

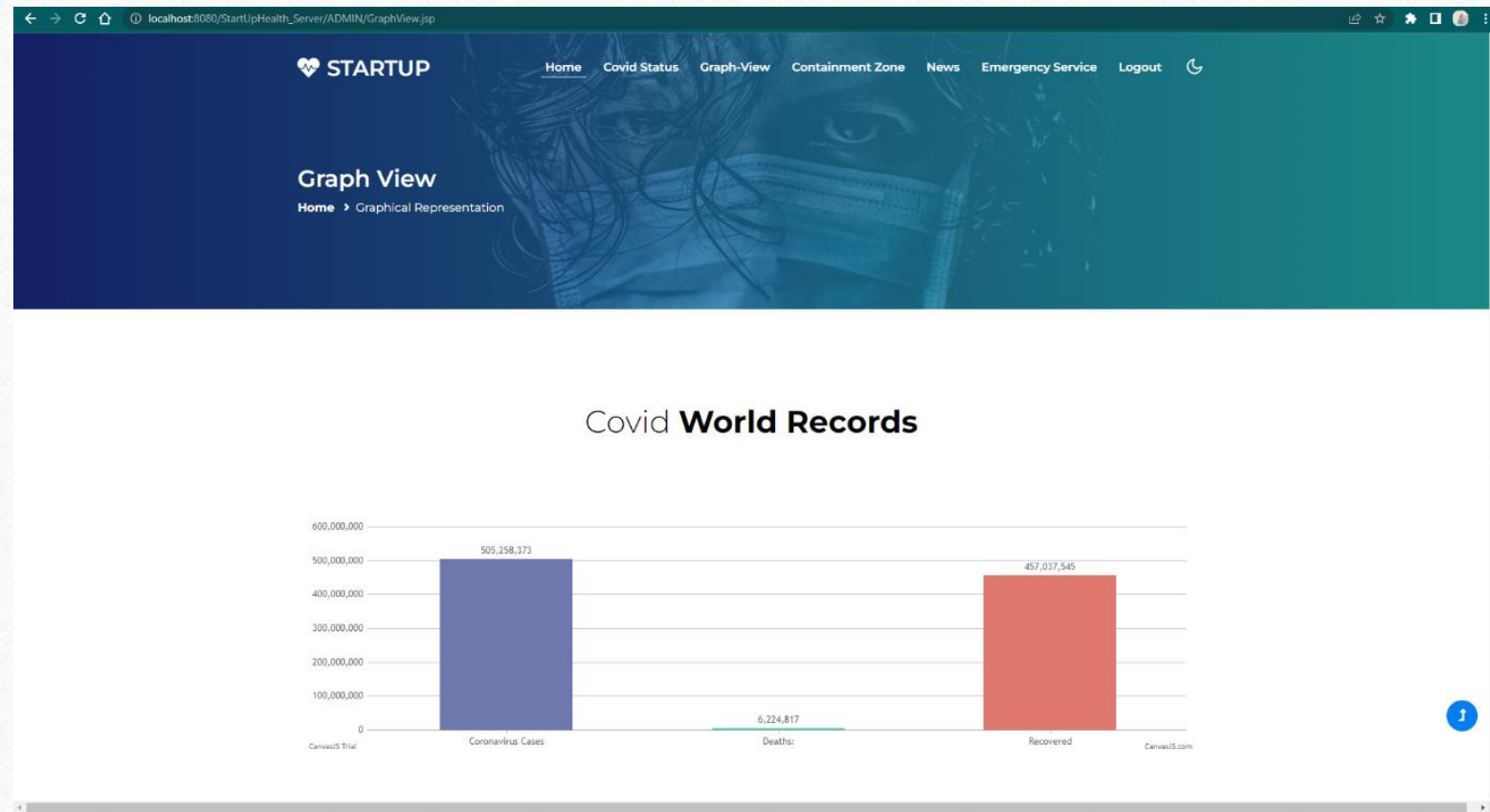


OUTPUT SAMPLE

ADMIN PANEL



GRAPH VIEW



CONTAINMENT ZONE

The screenshot shows a web browser window with the URL `localhost:8080/StartUpHealth_Server/ADMIN/ContainmentZone.jsp`. The application has a dark teal header with the 'STARTUP' logo and a navigation menu including Home, Covid Status, Graph-View, Containment Zone, News, Emergency Service, and Logout. The main content area has a background image of a person wearing a face mask. Below the header, the title 'Containment Zone' is displayed with a breadcrumb trail 'Home > Containment Records'. The form contains several input fields: 'Name of Containment Zone Area', a date field 'dd-mm-yyyy', 'Number of patient Affected', 'Latitude', 'Longitude', and a large 'Description' text area. A blue button labeled 'Get Latitude & Longitude' is positioned between the 'Number of patient Affected' and 'Longitude' fields. An 'Add' button is located at the bottom left of the form.

STARTUP

Home Covid Status Graph-View Containment Zone News Emergency Service Logout

Containment Zone

Home > Containment Records

Containment Zone

Name of Containment Zone Area dd-mm-yyyy

Number of patient Affected Get Latitude & Longitude

Latitude Longitude

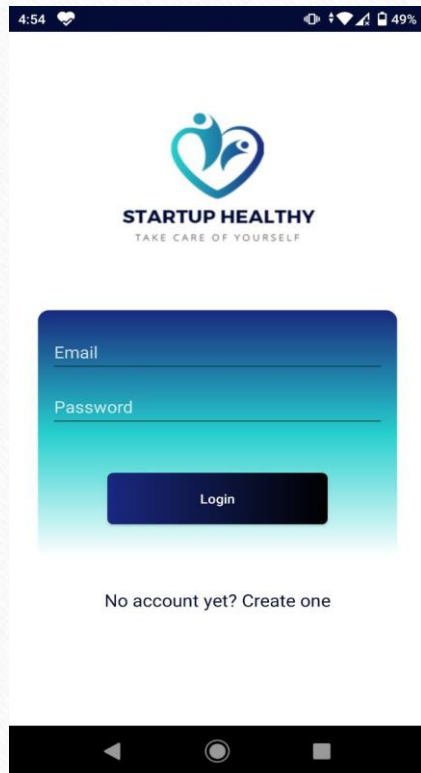
Description

Add

NEWS & GUIDELINES



LOGIN FORM



4:54 49%

STARTUP HEALTHY
TAKE CARE OF YOURSELF

Email

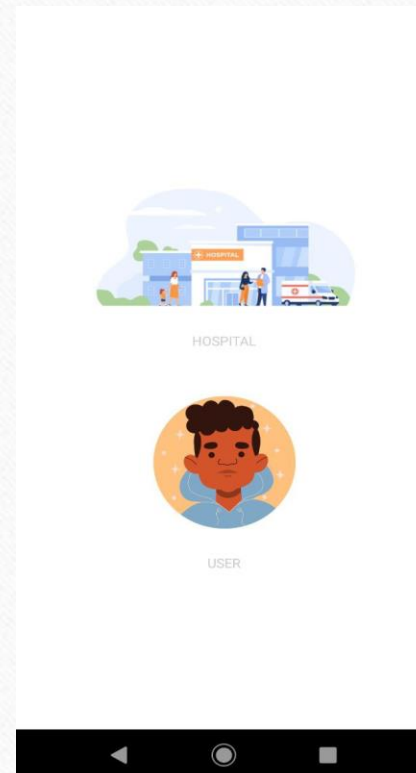
Password

Login

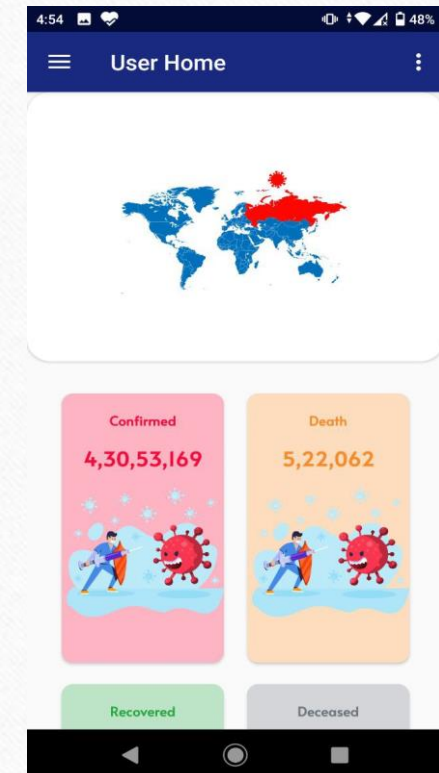
No account yet? Create one

The login form is displayed on a mobile device screen. It features a dark blue header with the time '4:54' and battery level '49%'. Below the header is the 'STARTUP HEALTHY' logo with the tagline 'TAKE CARE OF YOURSELF'. The main content area has a light blue gradient background. It contains two input fields for 'Email' and 'Password', followed by a dark blue 'Login' button. At the bottom, there is a link that says 'No account yet? Create one'. The screen is framed by a black Android navigation bar at the bottom.

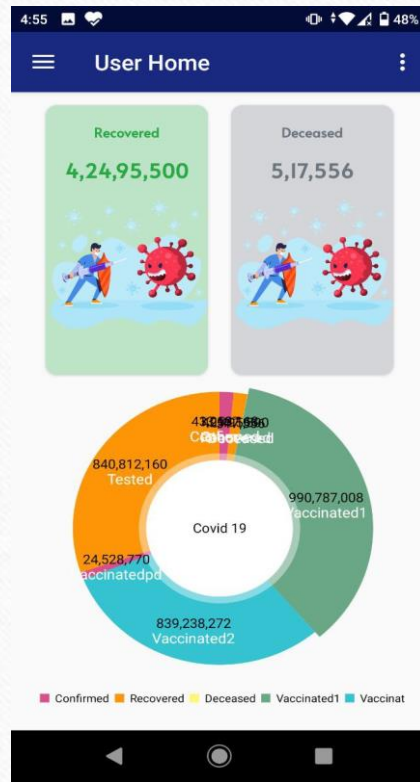
NEW REGISTRATION



USER HOME



NEWS AND GUIDELINES



4:57 News & Guidelines 47%

BREAKING NEWS

Welcome to The Indian Express

Mumbai accounts for over half of state's new Covid-19 cases, BMC steps up measures April 21, 2022 4:24 pm On Wednesday, Maharashtra recorded 162 new Covid 19 cases, out of which Mumbai accounted for 98. The city has recorded a sharp rise in daily cases since Monday when only 34 cases were recorded. Covid: R-value over 1 across India, Delhi brings back mask mandate April 21, 2022 7:17 am An R-value of 1, which signifies that every infected person is passing on the infection to at least one person on an average, is a key threshold after which cases begin to rise. Delhi logs over 1,000 Covid cases; positivity rate at 5.7% April 20, 2022 8:37 pm However, only one death has been recorded in last 24 hours while 314 patients recovered from the disease. Amid Covid uptick, Haryana

EMERGENCY SERVICES

4:57 Emergency Services 47%

VARUN [AMBULANCE]

Description: Units that represent the coordinates at geographic coordinate system.

9977664534 varun@gmail.com

KAVIN [HOSPITAL]

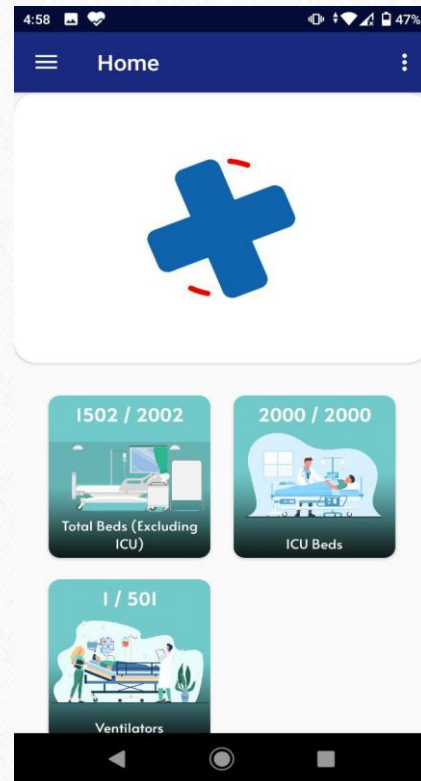
Description: The ninth meeting of the Emergency Committee convened by the WHO Director-General under the International Health Regulations (2005) (IHR) regarding

4325465475 kavin@gmail.com

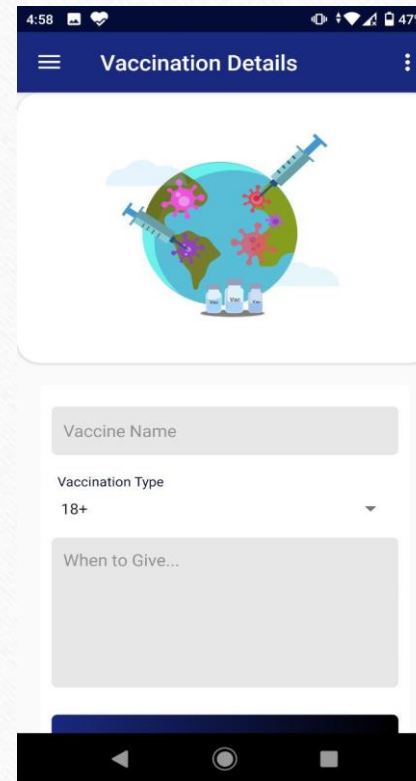
KIRAN [FIRE]

Description: Civil Defense in Kerala has been constituted as per Government Order (MS) No.132 / 19 issued on 30.08.2019. The Director General of the Kerala Fire & Rescue Services is the head of the Home Guards and the Civil Defense. A Regional Fire Officer based at Thiruvananthapuram and District Fire Officers in the districts will coordinate

HOSPITAL HOME



VACCINATION DETAILS



CONCLUSION

- Complete reference to the current pandemic situation.
- Locate the nearest covid care centers.
- You can get easy access to an emergency service
- Aims at improving the existing system
- An efficient way for managing current pandemic situation.
- It is a time-saving as well as cost-efficient application.
- The proposed system can be used to reduce human efforts
- Collect and store the information related to the pandemic in digital form
- Useful for further researches.
- It makes us to control the pandemic with modern technology.
- Helps to get an aware of all the vaccinations

FUTURE SCOPE

1. 24/7 Connect with the Doctor
2. Marketing platform
3. Medical Records

BIBLIOGRAPHY

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- Internet and Web Technology - Raj Kamal
- Introduction to Database Management - Naveen Prakash
- Analysis and Design of Information System - V. Rajkumar
- Web Programming - Chris Bates



Thank You



Any Questions?
