

Project Proposal

RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY

SUBMITTED
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COURSE

Course No: CSE 3200

Course Title: Software Development Project II

DATE OF
SUBMISSION

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Proposal -01(CSE 3200-Software Development Project II)

প্রহরী – Covid Person Tracking

Project Idea:

Covid person tracking

Features:

- Find suspected Covid person by answering questions
- Find the current location of the suspected person
- After 14 days, if the covid test is negative, then delete the records of the covid suspected person
- Admin can monitor the places of covid suspected person
- If the person is vaccinated, then he/she can get the pdf of vaccination report

Technology Requirements:

- ✓ **Platform:** Android Studio
- ✓ **Language:** Java
- ✓ **Database:** Firebase
- ✓ **Hosting Site:** GitHub

Architectural View (Preliminary):

EMAIL/PASSWORD AUTHENTICATION

Email :

Password :

Sign In

⇒ [Go another Activity](#)

Logout

Are you not registered? [Sign Up](#)

Are you already registered? [Sign In](#)

- When sign in / sign up, use Progress Bar
- Push Notification to give message, verify Email
- Verify through Email Link
- Sign in with Google, Facebook

WRITE & READ DATA FROM DATABASE

Name :

Phone No :

Address :

Sava Data

Admin can →

Load Data

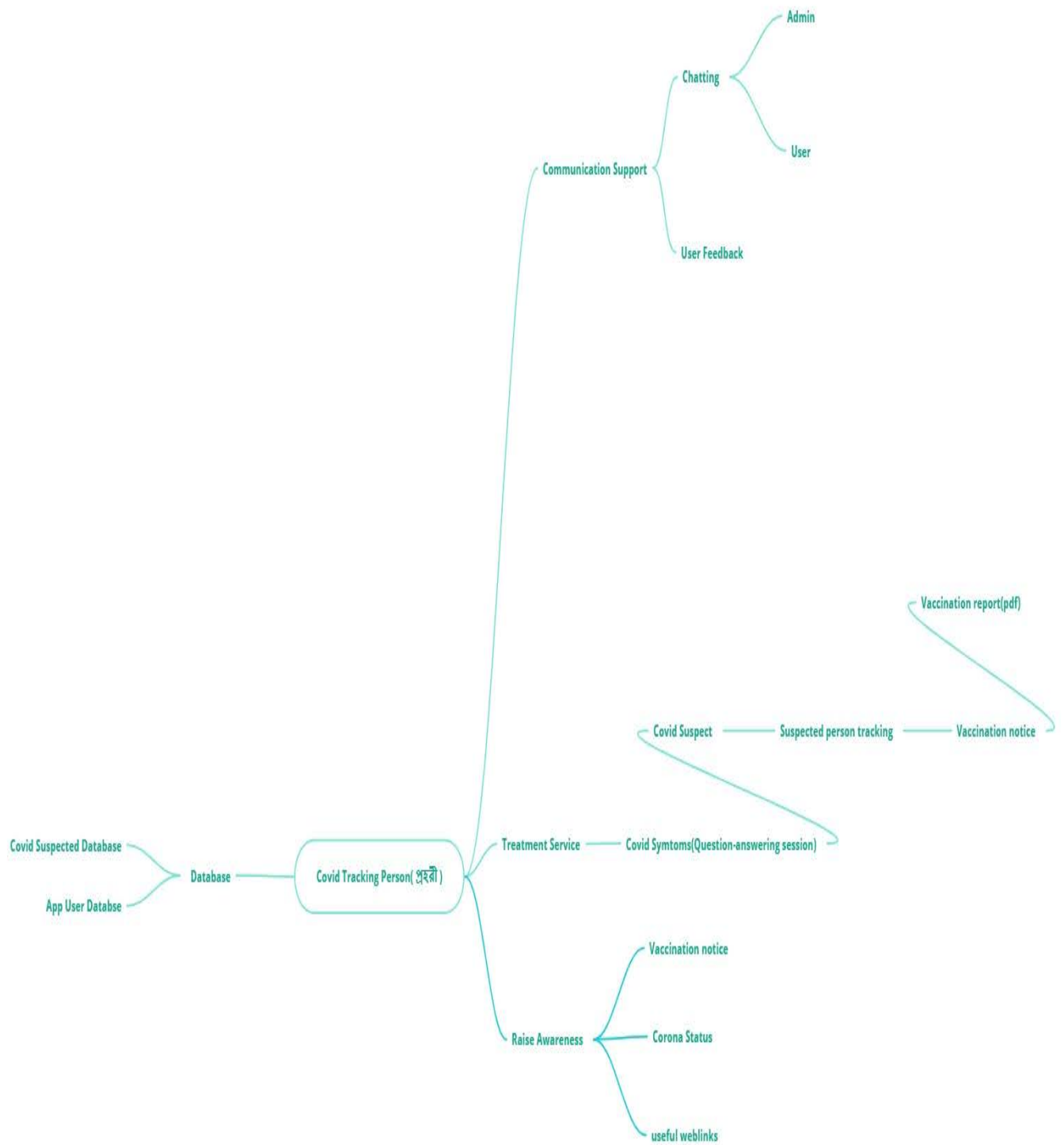
*** Press Load Data button → [Go another activity](#) to show Data using RecyclerView

*** Make a separate activity for **ADMIN**

*** [Real-time message using firebase](#)

[Download Vaccinated PDF file using Firebase Cloud Storage](#)

Basic UX Flow:



Conclusion & Benefits of proposed system:

Our proposed system provides following solutions:

- ✚ Reduce the workload of authority.
- ✚ Faster retrieval of information about the suspected patient.
- ✚ Provide a facility for proper monitoring, lowering the risk of covid and ensuring life safety.
- ✚ Chatting facilities.
- ✚ Raised awareness.