Synopsis

1. **Team members name:**
    a. Vicky Kumar
    b. Akshay Pareek
    c. Ankit Malpani
    d. Harshul Jain

2. **Table number** : 69

3. **Introduction of topic :**

Our Android App will save time and manual work to search for criminal data.

When a criminal face is recognized by our App then all their criminal data will be shown/spelled out.

Criminal Data includes :

- ☐ Name of Criminal
- ☐ Location of Crime
- ☐ Exact Timing and Date of Crime
- ☐ Gender of Criminal
- ☐ Age of Criminal
- ☐ Type of Crime (Murder / Rape / Robbery)
- ☐ Blood Group of Criminal

★ **Description :**

Mobile App for Police for management of crime records. It will help police to maintain records of different types of crimes. If they search for any crime, they don't have to go through each file to find them manually they could easily find using this App.

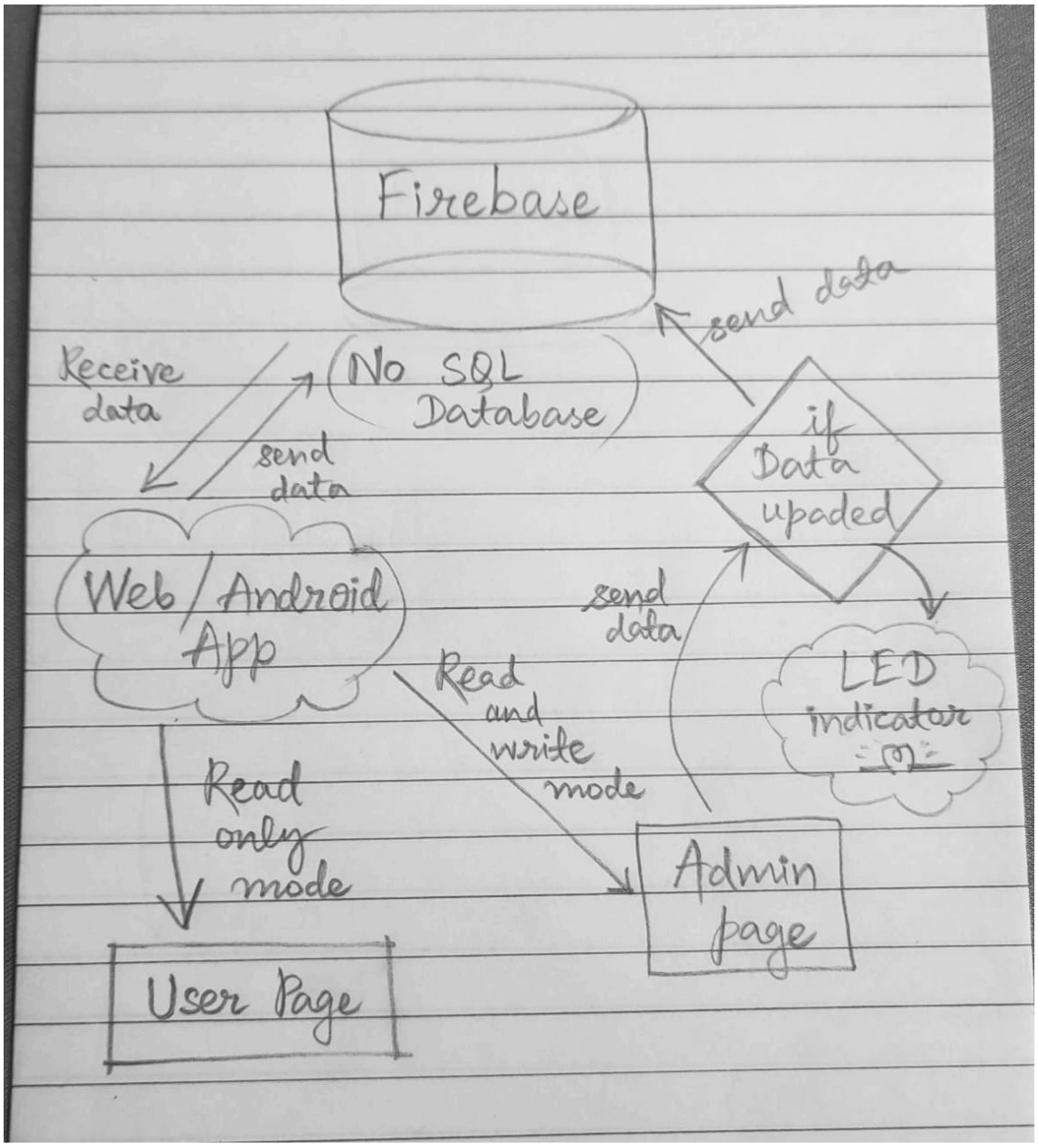
4. Planning of work :

- Website / Android App
- Firebase (Database Connectivity)
- Security (Email OTP Verification)
- User Page (Read Only Mode)
- Admin Page (Write and Read Mode)

➢ **Additional Feature :**

- Face Recognition (Detect Criminal)
- Data Update LED Indicator (Worldwide / IOT)
- Criminal Data Spellout (Listen mode)

➢ Data Flow Diagram :



5. Facilities/Technology required for proposed work :

a. Flask Framework (website)
b. Heroku (for deployment)
c. Python Language (Backend)
d. HTML, CSS (Frontend)
e. Java (Android App)
f. Firebase (No SQL Database)
g. OpenCV Library (Face Detection)