

## **CSE-250(Android Project)**

**Group No : 54**

### **Team Members:**

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## **ROOTSMAP APPLICATION**

### **Problem Definition and Solution:**

The primary challenge is to develop an intuitive, engaging, and feature-rich RootsMap Android App that simplifies the process of building and exploring one's family history. This app must cater to both casual users who wish to sketch out their immediate family connections and genealogy enthusiasts who delve into extensive historical research. It should facilitate the easy input of data, including personal details, photos, and historical records, and provide tools for visualizing complex family relationships in a clear and interactive manner. Additionally, the app should support privacy controls, data sharing options, and the ability to collaborate with family members in real-time, thereby fostering a sense of community and collective memory-making. Finally, the solution must address the need for data portability and interoperability with other genealogy platforms, ensuring users can import and export their family histories as needed.

## **Software Features:**

1. Real-Time Tree Diagram:
2. User-Friendly Interface:
3. Media Attachments
4. Relationship Mapping
5. Offline Access

## **DATABASE:**

Locally data storing handled using SQLite