**Personal Details Manager**

**Team members-**

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**Problem Statement-**

The personal details of users are encrypted and is made available to user only when the user enters the correct password.

**Synopsis-**

The user creates his account by entering his details like bank account, aadhar number, kyc number and personal details. The system allots a unique SRN number and the user enter his password. On creation of a successful account, the user is given another password which is system generated which he must enter when he requests for his personal profile details. After account creation and profile updation, the user logs in using his unique SRN and password. The user then requests for his personal details which will be encrypted and stored in a file. The user must enter the system generated key or the second password to access the details file that will be decrypted and given to the user.

**Data Structures -**

Trie trees to update the SRN numbers of users.

Doubly linked lists to keep the user profiles.

**Requirement Specification-**

1: C Programming Language

2: gcc Compiler

**Data Flow Diagram-**

**Case1-**

New user

**Case2-**

Existing user