

## Product vision:

“Personal Safe” is a password manager that is a lightweight application to securely store and manage passwords. This tool is for any users wanting to protect their passwords and who want better security. There are plenty of password managers like LastPass and 1Password, but unlike “Personal Safe”, many of them rely on cloud storage which introduces risks if their servers are compromised. This project is different because all encryption happens on the client side, meaning data never leaves the user’s device in a plain form.

## Personas:

### 1. John Doe

- a. Name: John Doe
- b. Age: 16
- c. Occupation: High school student
- d. Educational Background: In high school
- e. Technology Experience: Uses social media, iMessage, and video games.
- f. Demographics: Teenager who is becoming more responsible for their own accounts, loves to play videos games and lives in the suburbs.
- g. Why they’d use Personal Safe: This person is creating accounts for the first time and wants to ensure that all his new passwords are secure.

### 2. Jane Smith

- a. Name: Jane Smith
- b. Age: 68
- c. Occupation: Retired
- d. Educational Background: BS in Education from Temple University
- e. Technology Experience: Experienced in social media and basic software required for teaching but has not used technology regularly in five years.
- f. Demographics: Lives in a nursing home, many children and grandchildren who visit often, in a small city that supports their community.
- g. Why they’d use Personal Safe: Smith is getting nervous the more she becomes out of touch with developing technology and wants to ensure that all her accounts are safe, especially since she has been checking them less since retiring.

### 3. Mary Donohue

- a. Name: Mary Donohue
- b. Age: 40
- c. Occupation: Secretary for a doctor’s office.

- d. Educational Background: Associate's degree in business from SNHU
  - e. Technology Experience: Proficient in all aspects of Microsoft office and Epic software.
  - f. Demographics: Married with no kids in a busy city with a high crime rate. Is active in their community garden.
  - g. Why they'd use Personal Safe: She is concerned that the system her hospital uses is getting outdated and fears HIPPA violations as technology advances. She would use Personal Safe as a safety net for the sensitive information that she has access to at her front desk.
4. Frank Don
- a. Name: Frank Don
  - b. Age: 25
  - c. Occupation: Lawyer
  - d. Educational Background: Law degree from Harvard
  - e. Technology Experience: Extensive database organization and understanding, as well as uses personal laptops for all meetings and accessing files.
  - f. Demographics: Lives in the heart of Washington DC, single and travels on the weekends.
  - g. Why they'd use Personal Safe: They keep sensitive client data on their personal computer that they take with them when they travel, using Password Safe would ensure that this confidential data is more secure.
5. Julie Steve
- a. Name: Julie Steve
  - b. Age: 55
  - c. Occupation: Personal Tutor
  - d. Educational Background: BS in Chemistry from UCLA
  - e. Technology Experience: Extensive data organization experience, proficient in zoom and Microsoft.
  - f. Demographics: Lives in a rich southern rural neighborhood. Married to the mayor with many people in her town asking for favors.
  - g. Why they'd use Personal Safe: Many of her clients are embarrassed to need tutoring and don't want to be the topic of conversation throughout the town, so protecting her passwords ensures that none of her nosey neighbors can access confidential information.

Initial list of user features:

It will allow users to

- create a master account
  - allows the user to log on and create their account with credentials of their own choosing
- add, retrieve, and organize all their login credentials
  - this is where they can login/ unlock their vault
  - the user has the option, once logged in, to view and adjust their chosen credentials or delete.
- encrypt and decrypt locally on their personal device
  - once activated the tool with encrypt their password with the option to decrypt as well as import and export encrypted backup.