Prototype

Here is the description of our prototype:

1. Invite Screen

User receives an email from doctor to create an account on MeTree. Here we also provide assurance to the user that their privacy will be taken seriously and their data will be handled carefully. The user can click on the Begin button start the account creation process.

2. Sign up screen

Welcome <First Name>. Let's begin by creating your account.

Your email address:

username@optum.com

Password:

Password Strength

Create Account

• Learn about additional risk factors you may be susceptible to due to your family medical history.

• Archive for your family heath information that can be accessed or added to in the future.

The username is the email address of the user which is prefilled. User has to just choose a password to create account. We also show a password strength indicator and display a couple of advantages to this account creation.

3. Basic Information

metree

English ▾   Logout

Welcome to MeTree!

Let's get started by filling out your profile.

Basic information

Name:	Given Name
Gender:	Female
Were you adopted?	☐ Yes
Race:	☐ American Indian or Alaska Native
	☐ Asian +
	☐ Black or African/American
	☐ Native Hawaiian or Other Pacific Islander
	☐ White

About your diseases and conditions

Knowing what diseases or conditions you have been diagnosed with will help us determine additional risk when you add your family information.

Have you been diagnosed with any of the following diseases or conditions?

☐ Abdominal Aortic Aneurysm

☐ Blood clots/ clotting disorder +

☐ Brain Disorder +

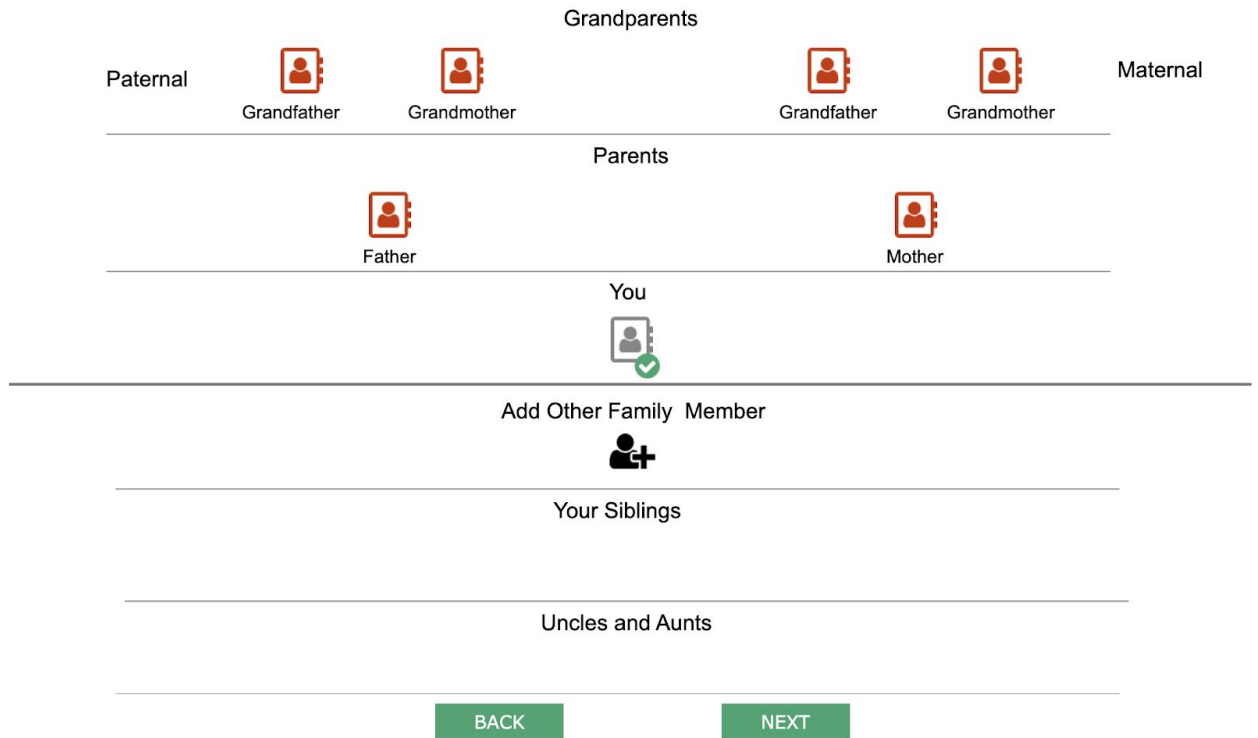☐ Cancer and Adenoma (Non - cancer tumor) +

☐ More …

Done

The user fills out his/her basic and health related information. Name and gender are prefilled. One feature that will potentially save a lot of time is: asking whether the user is adopted or not. If checked on 'Were you adopted', then family info is not asked to filled.
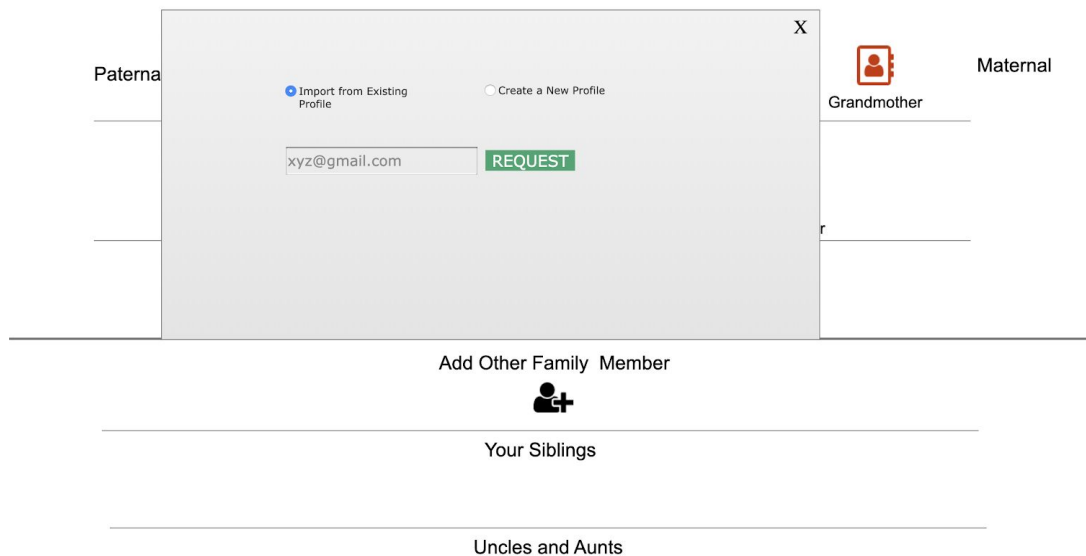
4. Family Information

The user can view the status for each family member and select the family member whose information needs to be filled.

User can either import information from an existing account or create a new profile for the family member. In case of importing a profile, the user needs to provide only the username and if the user exists in the system, a notification shall be sent. Upon approval that profile can be then be added.

User fills out the information about the selected family member manually. Here we got rid of the question for adoption as it wouldn't have mattered much to the risk profile generation for the user.

User also has the option of adding other family members such as siblings, uncles, aunts etc. This also follows the same path as above profile creation i.e. via import or creation.

5. Application progress
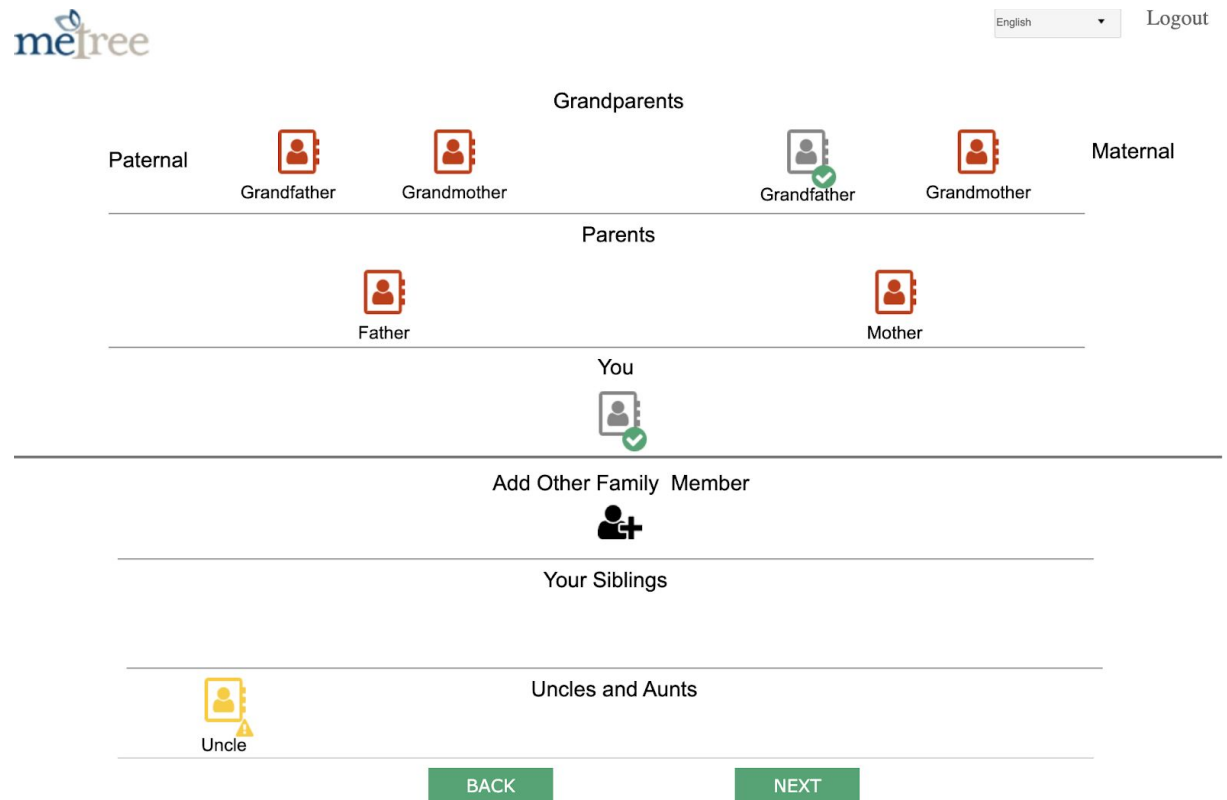
This page shows the status of information filled for each member including self. Different icons used to indicate progress of each member. A green tick next to a member shows that their profile is complete. Red means that the information is yet to be provided while yellow indicated awaiting approval for import request.

6. Risk profile

metree

Personalized Risk Profile

✔ No risk of diseases based on current profile.

✘ Critical risks found based on your data. Please visit doctor at the earliest.

[More Details]

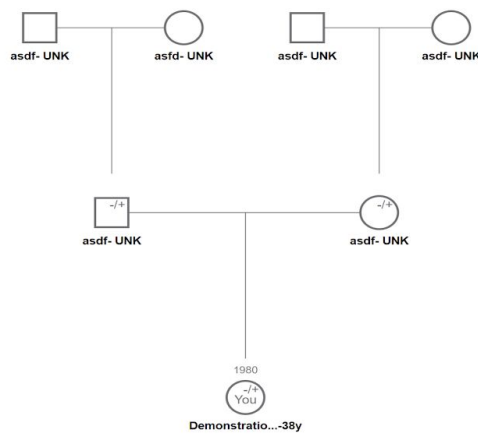Share risk profile details via email -

[   ] [Send]

[Basic Info]   [NEXT]

User can view the risk profile and share it with the doctor via email.

metree

Family Tree

☐   ◯   ☐   ◯
asdf- UNK   asfd- UNK   asdf- UNK   asdf- UNK

-/+   -/+
asdf- UNK   asdf- UNK

1980
-/+
You
Demonstratio...-38y

Based on the information provided, the family tree pedigree is generated and displayed.