



TapGenes

Privacy and Security

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TapGenes Family Health App

Dynamic question platform easily creates Family Health Trees

Quizzes engage family members about health information & confirms answers

Family competitions & activities to engage them in behavior modification

We use machine learning algorithms to calculate health risks & educate



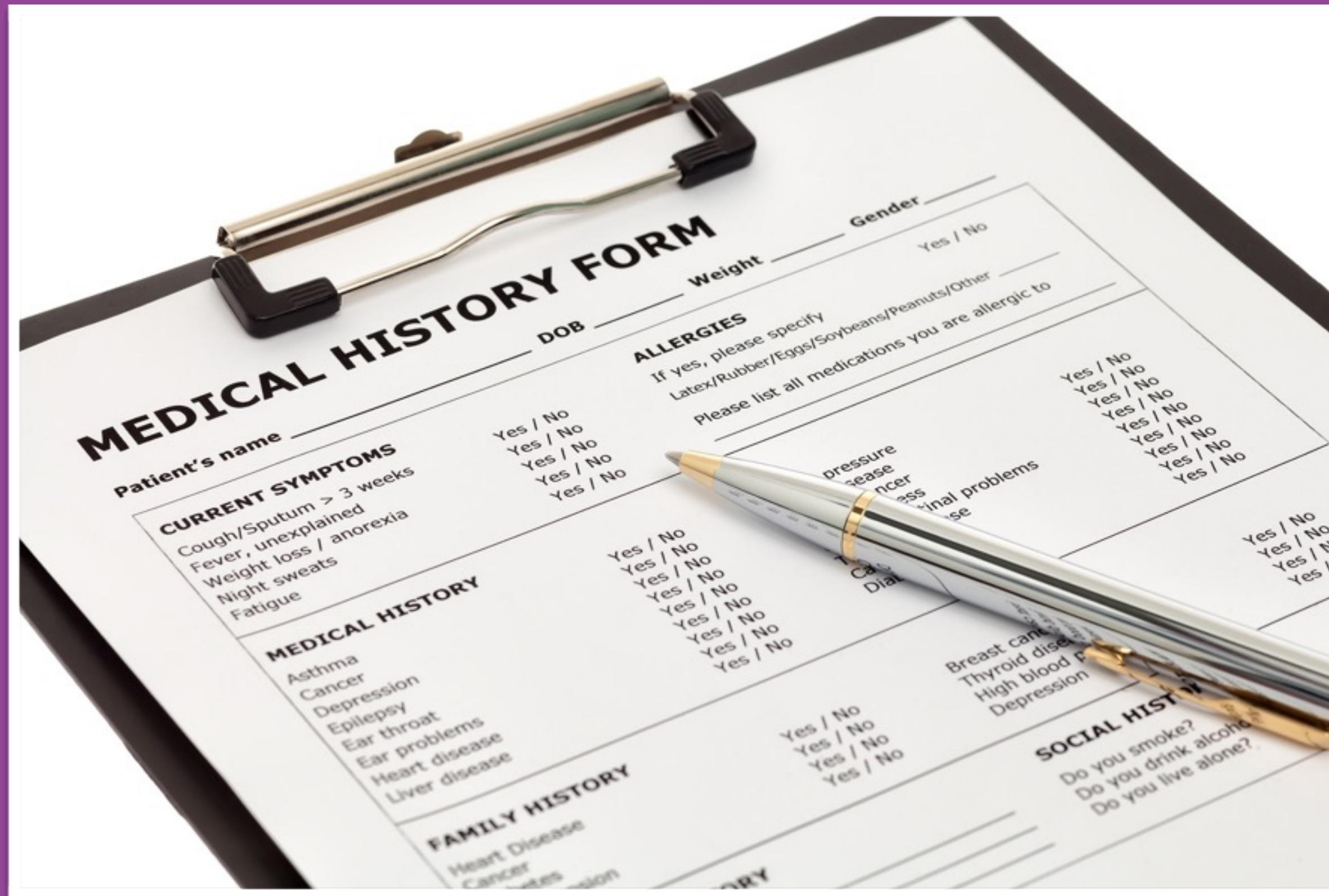
Provisional Patent: Methods for determining health risks

Privacy Considerations

- Promote family “crowd-sourcing” and collaboration
- Reassure that personal health data is private and secure
- Respect all family relationships
 - “traditional” nuclear families
 - blended families
 - estranged family members
 - adopted families
 - unrelated caregivers



Privacy in Healthcare



The image shows a medical history form on a clipboard. The form is titled "MEDICAL HISTORY FORM" and includes sections for Patient's name, DOB, Weight, Gender, ALLERGIES, CURRENT SYMPTOMS, MEDICAL HISTORY, FAMILY HISTORY, and SOCIAL HISTORY. A pen is resting on the form.

MEDICAL HISTORY FORM

Patient's name _____ DOB _____ Weight _____ Gender _____

CURRENT SYMPTOMS

Cough/Sputum > 3 weeks Yes / No
Fever, unexplained Yes / No
Weight loss / anorexia Yes / No
Night sweats Yes / No
Fatigue Yes / No

MEDICAL HISTORY

Asthma Yes / No
Cancer Yes / No
Depression Yes / No
Epilepsy Yes / No
Ear throat Yes / No
Ear problems Yes / No
Heart disease Yes / No
Liver disease Yes / No

FAMILY HISTORY

Heart Disease Yes / No
Cancer Yes / No
Diabetes Yes / No

ALLERGIES

If yes, please specify
Latex/Rubber/Eggs/Soybeans/Peanuts/Other
Please list all medications you are allergic to

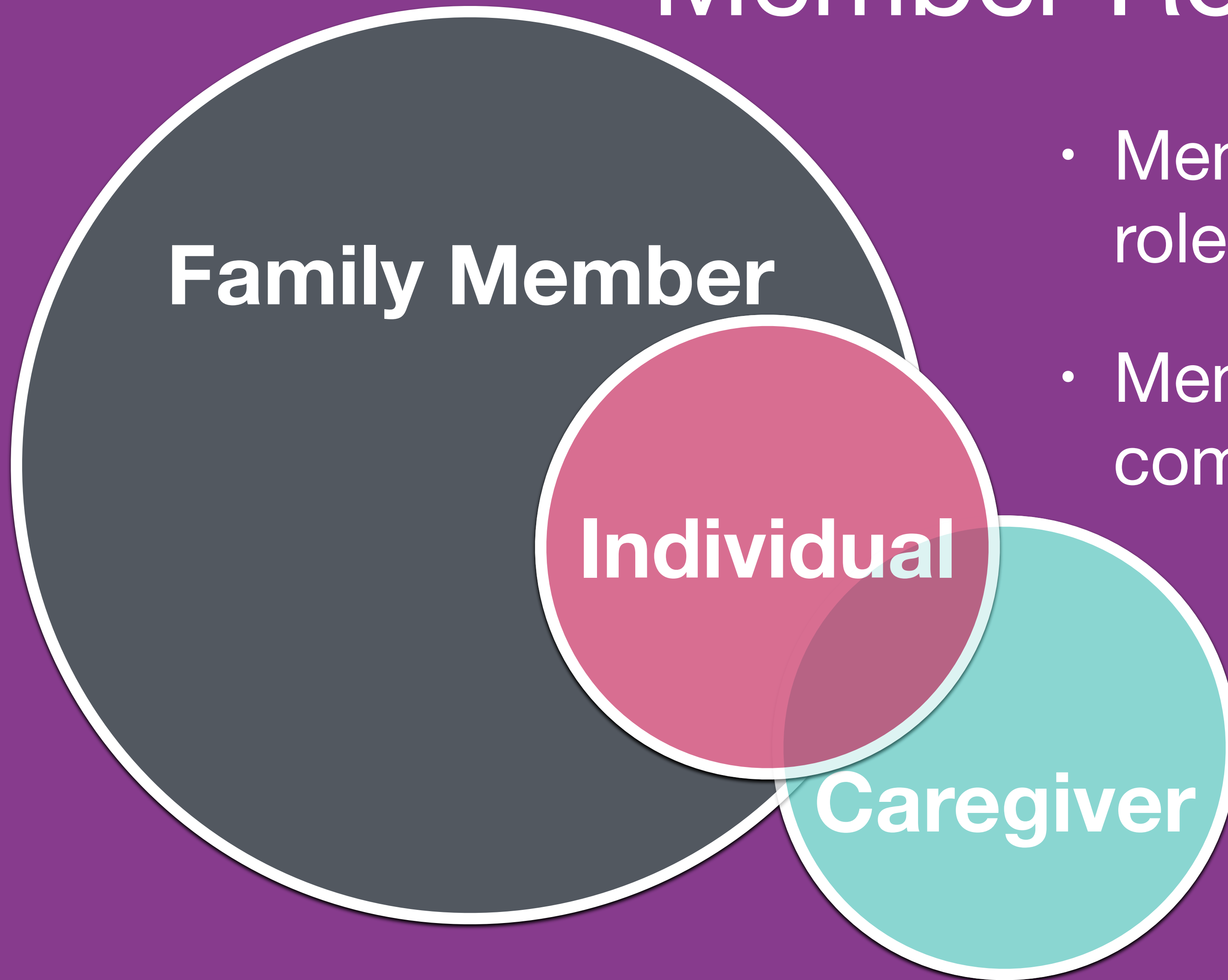
SOCIAL HISTORY

Do you smoke? Yes / No
Do you drink alcohol? Yes / No
Do you live alone? Yes / No

- HIPAA
- PHI (Protected Health Information)
- Health Privacy in Consumer Apps

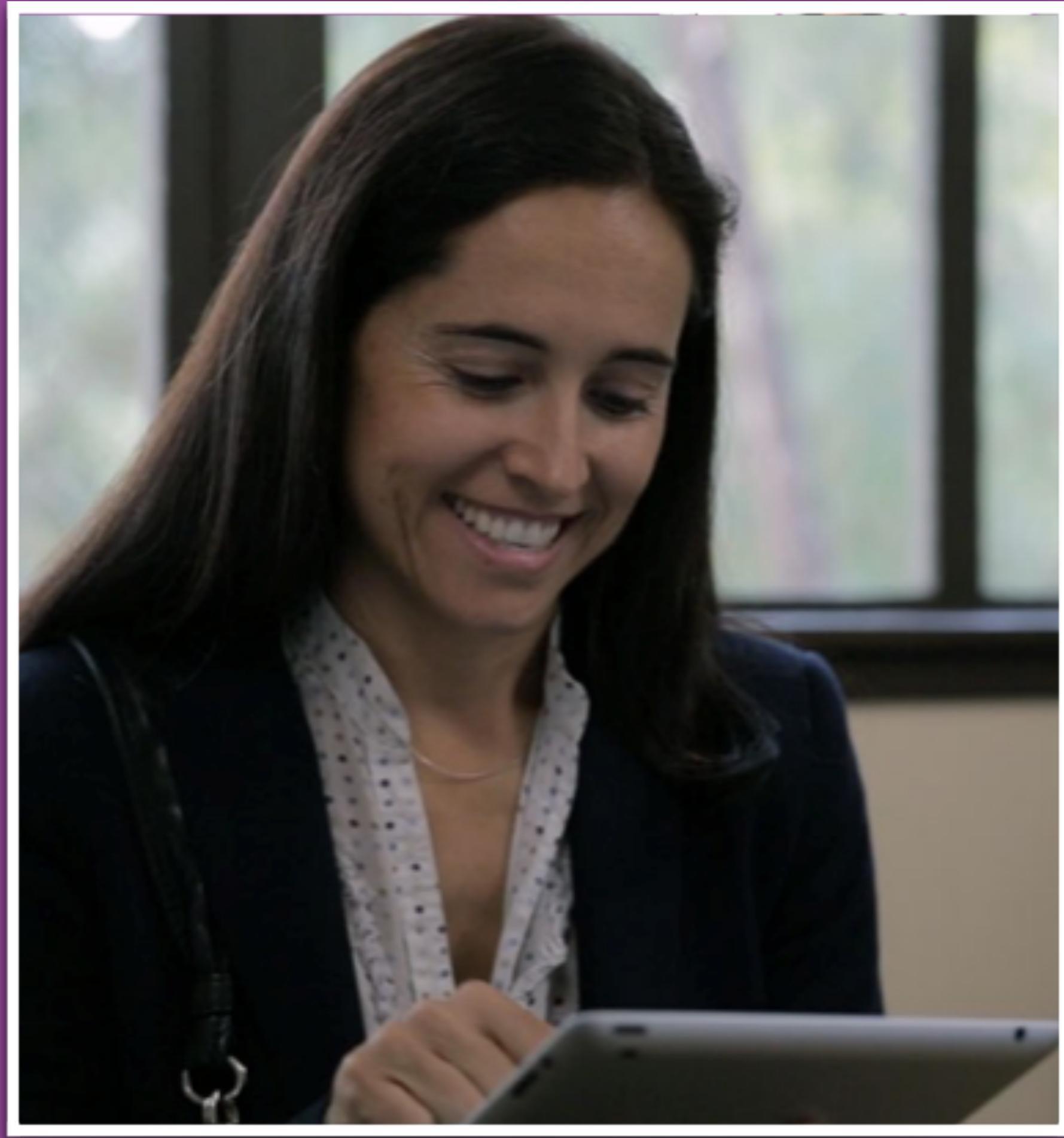


Member Roles



- Members may play different roles with different needs
- Members may have varying comfort levels with sharing

Individual



- Preserve family health history
- Understand her health risks
- Learn about preventative options
- Manage her health data including medications, vitals, and wellness data

Mother of Two



- Manage immunization records and physician notes for the whole family
- Share kid's allergies, medications, and pediatrician's name with the babysitter
- Create legacy of family health history for her kids

Caregiver of Aging Parents




- Track medication, physician notes, and changing care plans
- Share past diagnoses and treatments with new doctors
- Document treatments that work and don't work









Sharing Your Tree

1. Select *Who* can see your tree
2. Select level of access to your tree


×

Who would you like to share your tree with?

 Import Google Contacts


	Email Address	Privacy
 Lucas Vargas Father	<input type="text" value="name@family.com"/> 	Admin of Self (recommended) change
 Sofia Vargas Mother	<input type="text" value="name@family.com"/> 	Admin of Self (recommended) change
 Martin Vargas Grandfather	<input type="text" value="name@family.com"/> 	Admin of Self (recommended) change
 Ian Silva Grandfather	<input type="text" value="name@family.com"/> 	Admin of Self (recommended) change


Write a message



Hi,
I want to share my Tapgenes family health tree with you.

-














Share

Sharing Your Health Data

- By Family Member
- By Category
- Permission Level

The following people have access to Jennifer Vargas's personal health portrait									
MEMBERS		CATEGORY	NONE	VIEW	EDIT	ADMIN			
	Lucas Vargas father	Basic Information	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Sofia Vargas mother	Life Events	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Martin Vargas grandfather	Allergies	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Ian Silva grandfather	Health Conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Olivia Vargas grandmother	Medications	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Ana Silva grandmother	Vitals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Adrian Vargas brother	Immunizations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Zoe Vargas sister	Wellness	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	Ashley@Tapgenes.Com	Notes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
		Physicians	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
		Emergency Contacts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
		Insurance & Advance Directives	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
		Additional Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

TapGenes Take Away



- Consider Members
- Make member roles flexible
- Keep privacy options simple



TapGenes

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