



TapGenes

Privacy and Security

Diana Massey

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



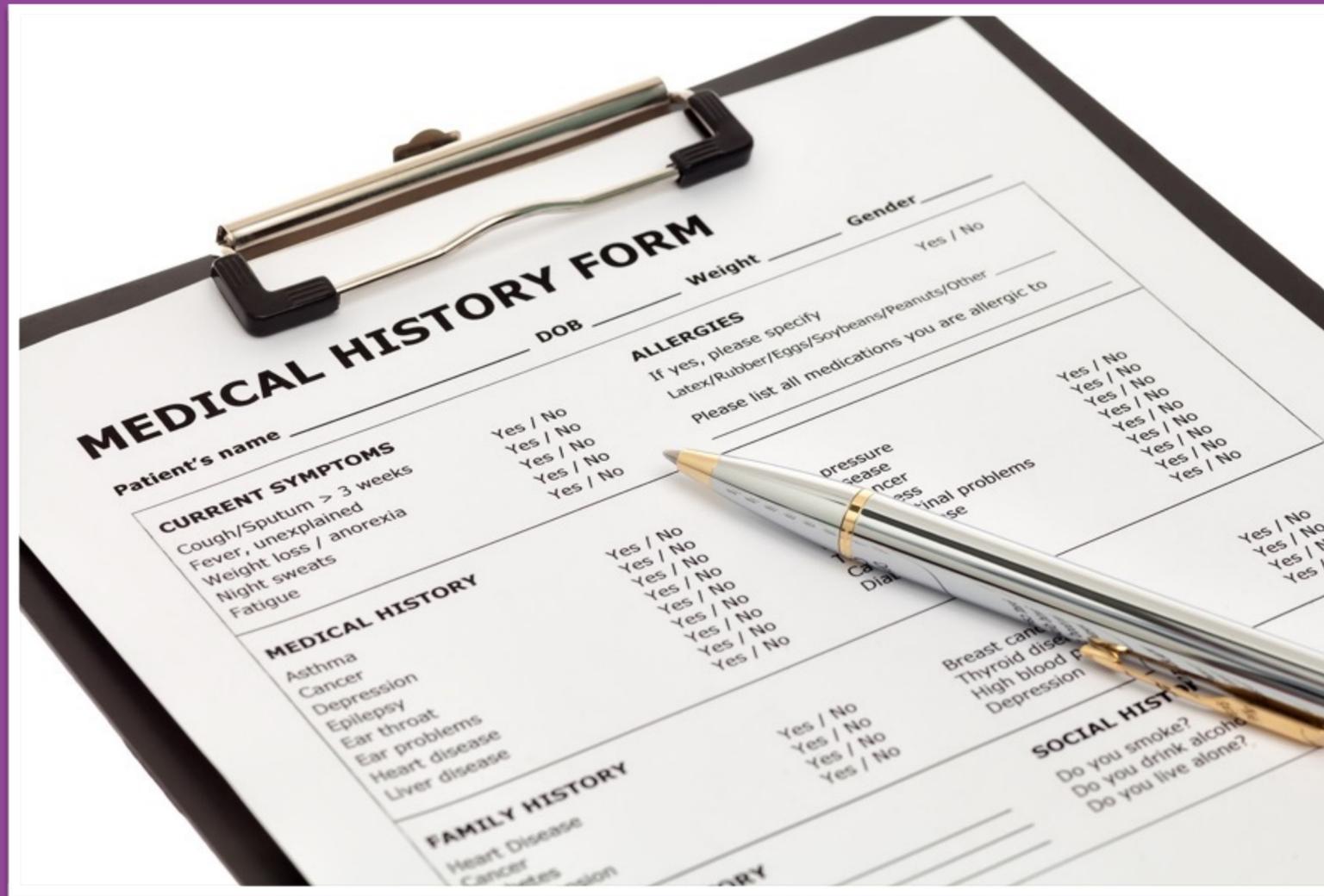
Provisional Patent: Methods for determining health risks

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

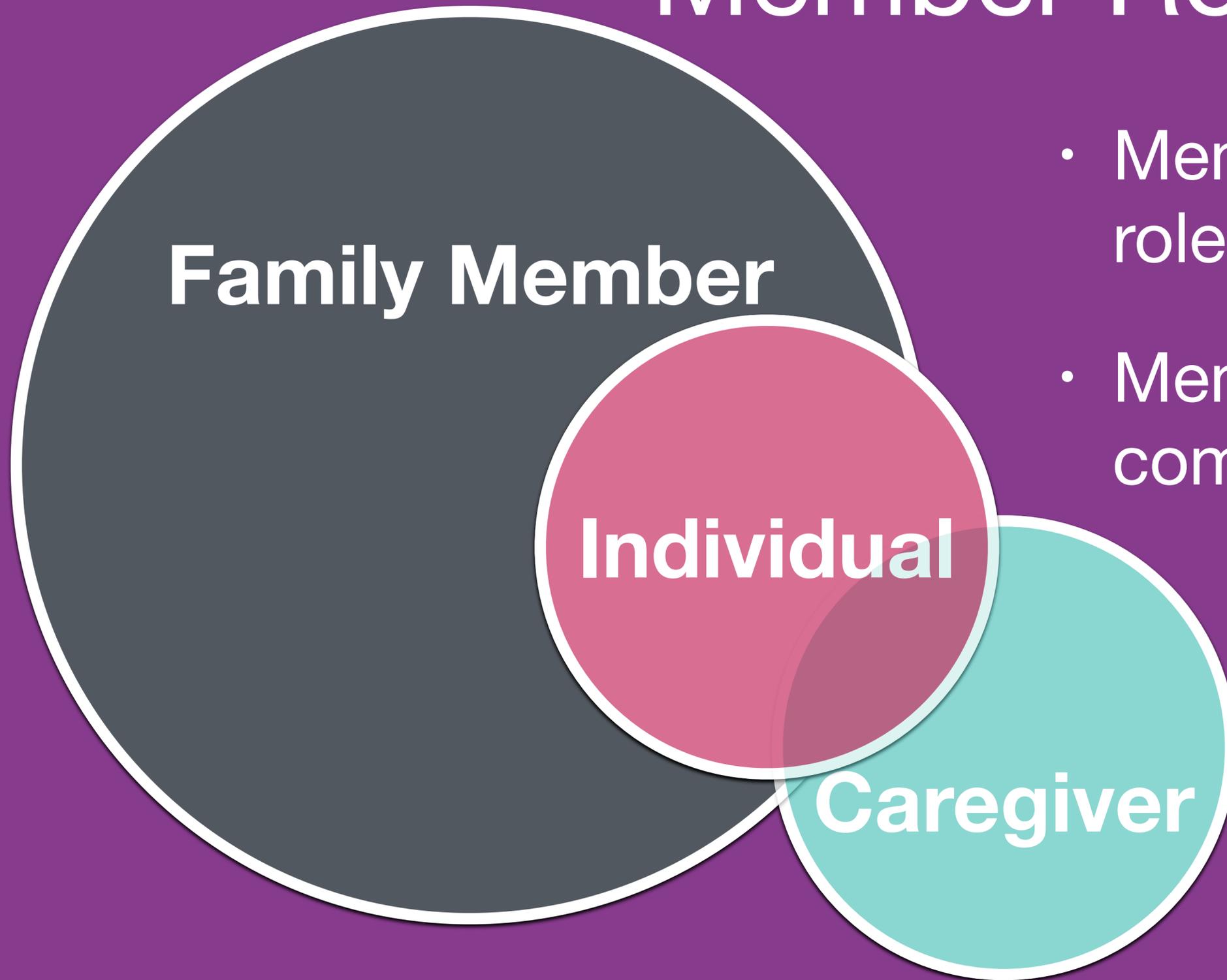


- HIPAA
- PHI (Protected Health Information)
- Health Privacy in Consumer Apps



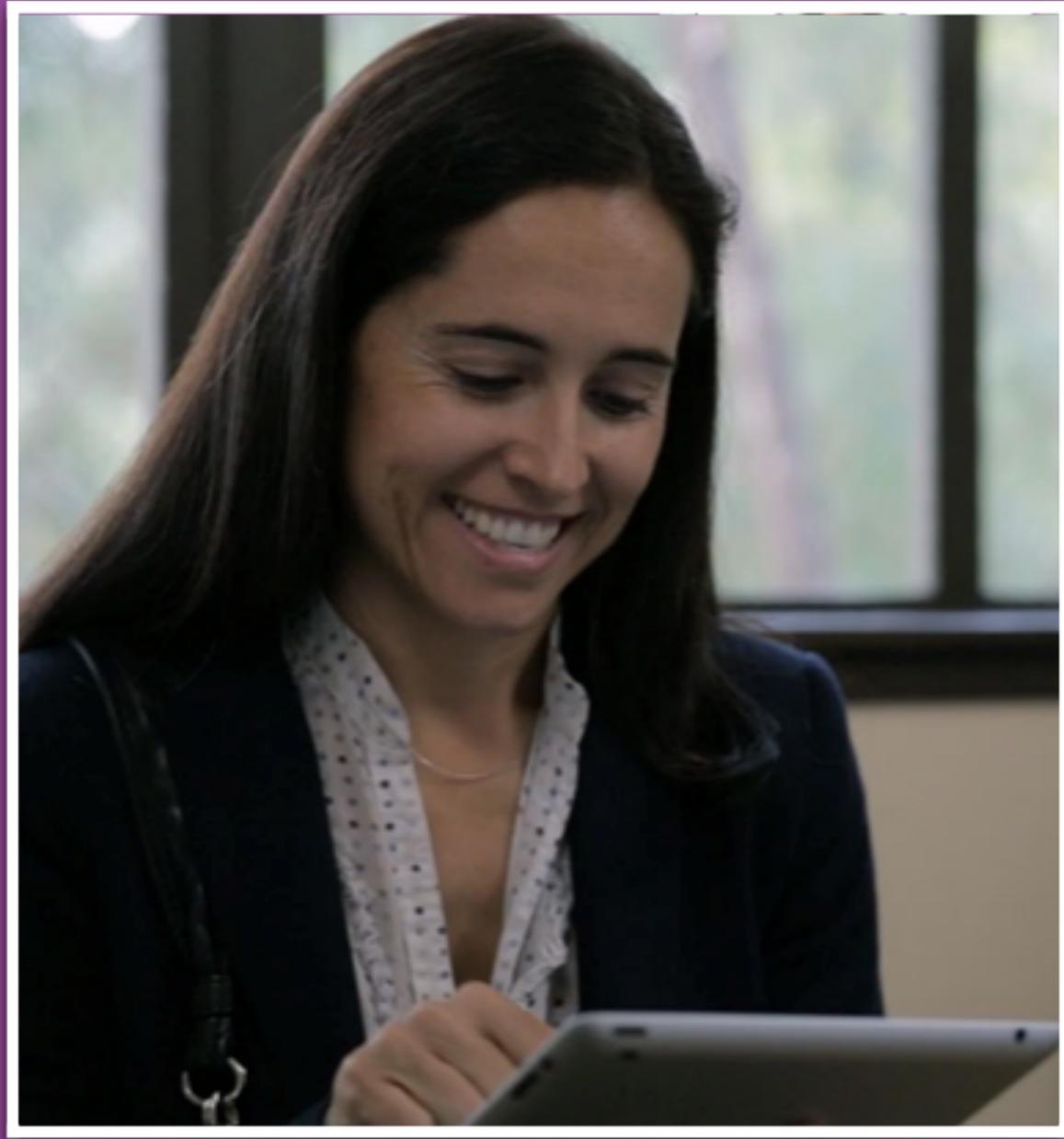
HIPAA Compliant
Powered by **TRUEVAULT**

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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