

TAPA CHAMPIONS

Transferrable Accessible Personal Archive



Your data. Your health. Own it.

THE MISSING LINK IN PERSONAL HEALTH CARE

- Current care records are a patchwork of disconnected systems
- Care providers only authorized to access certain records
- Patients can request records, but current culture assumes this will involve transfer directly to another physician
- Growing number of Canadians live without access to a family doctor
- Growing number of Canadians live with a chronic disease

The actual documents contained in a patient's medical record are owned by the physician who created, received or requested them – not the patient; however, a photocopy of the content of the record must be provided to a patient upon his/her request

(College of Physicians and Surgeons of BC)

PREVALENCE OF CHRONIC DISEASES AMONG CANADIAN ADULTS



CANCER



8%*

DEMENTIA



7%§

HYPERTENSION



25%

OSTEOARTHRITIS



14%

MOOD AND/OR
ANXIETY DISORDER



13%*

OSTEOPOROSIS



12%†

DIABETES



11%

ASTHMA



11%

CHRONIC OBSTRUCTIVE
PULMONARY DISEASE



10%†

ISCHEMIC
HEART DISEASE



8%

OUT-OF-DATE, TIME CONSUMING, AND INACCESSIBLE

- Care providers usually not able to send records electronically; often send files by fax and lettermail
- Patients left dealing with volumes of printouts, photocopies, and CDs, which they often have to pay admin fees for
- Communication between specialists and other care providers is slow and disjointed
- Long wait times for some records to be released to patients
- Records purged from archives after set number of years
- Result is confusion, duplicated tests, problems getting documentation to 3rd parties within requested timelines, and missed healthcare opportunities

THE TRANSFERRABLE ACCESSIBLE PERSONAL ARCHIVE

A portable hybrid web app for personal management of healthcare information

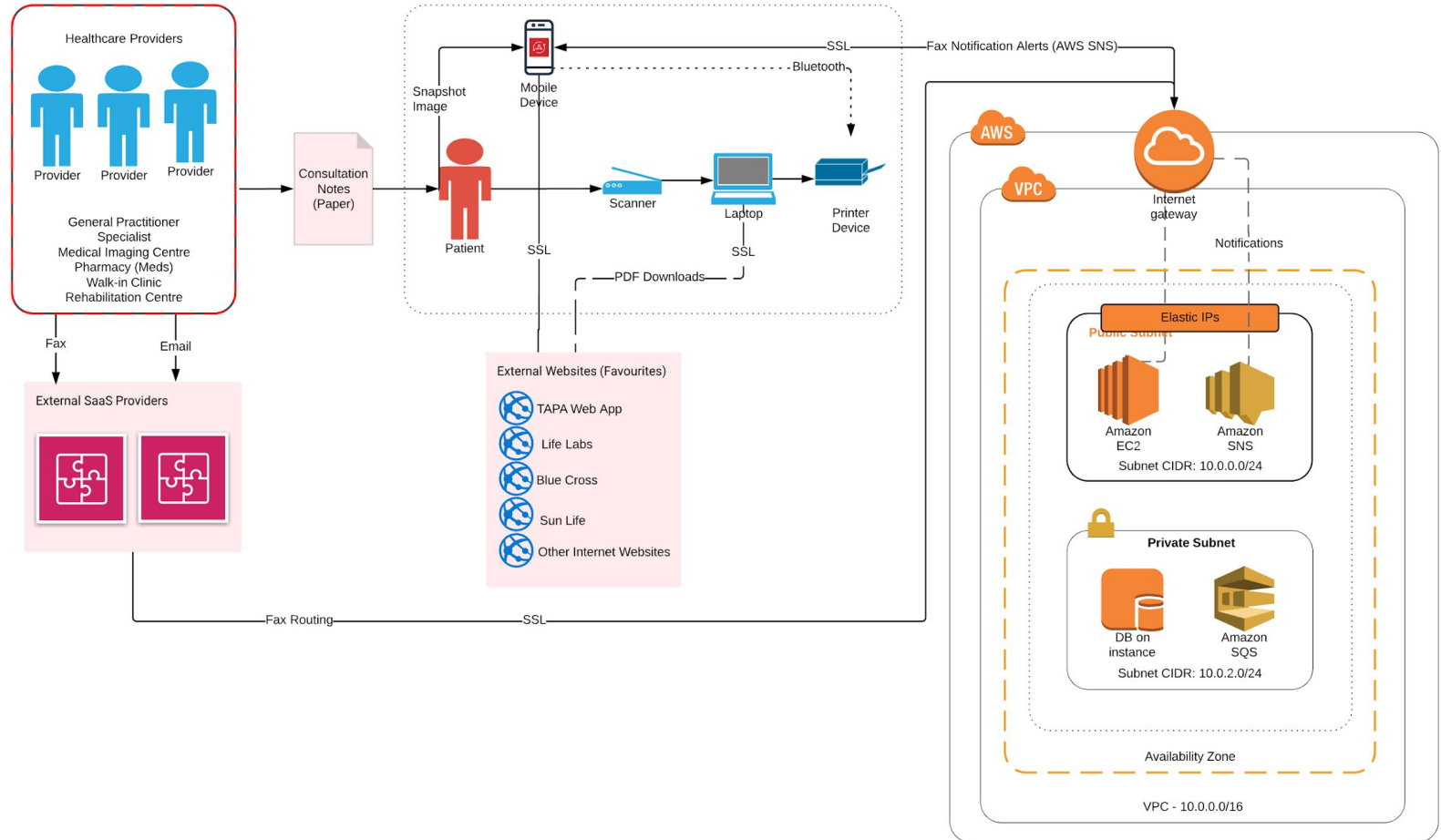
- Allows users to securely receive, manage, and store personal medical information
- Empowers patients to become an active partner in their health care by:
 - Filling the communication gaps between health care providers
 - Planning for best possible outcomes in their ongoing health care journey

KEY FEATURES:

- Secure cloud-based storage with 2-factor authentication
- Easy access to personal records across multiple devices
- Portable - accessible from anywhere in the world
- Customizable labels and filters
- Identity management access for patient-identified trusted health partners
- Compatible with a range of record types
- Long-term storage beyond date of destruction of original with physician

TRANSFERABLE ACCESSIBLE PERSONAL ARCHIVE (TAPA)

TAPA Champions - March 10, 2019 - Code.Hack



PROTOTYPE DEMO

Hybrid web app

Home page

Preferences
(settings)

Notifications

4 custom sets of
'favorite' labels
(quick access)

text field |

text field |

text field |

text field |

Add/Edit record ✓

List of records

View page

homescreen

Select
calendar
date

FILTER BY:

From: **To:**

e-DATE	NAME	TYPE
11-05-16	Yearly blood work	.PDF
17-07-16	Dr.Young Note to..	.JPG
08-08-16	Sick Note	.PDF
03-09-16	TeleMed Appt with	.MP3
16-03-17	Allergic Rxn to P4	.PDF

STAKEHOLDERS

- Patients managing chronic illness
- Mobile users: students, remote workers, snowbirds, vacationers
- Physicians, specialists, other care providers
- Health Authorities

CHALLENGES & NEXT STEPS

- Designed to be agile and scalable, in order to adapt to changes in the healthcare system
- Ensuring care providers are well informed and assured of the security and accuracy of the information in the app
- MVP will be a free hybrid web app; future roll-out can include a native app to be sold in the App Store
- Can add further features for integration and other types of records

Fills an immediate need in the healthcare system so patients, families, and care providers don't have to wait for a centralized personal health record to fill the gaps.

TAPA CHAMPIONS

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