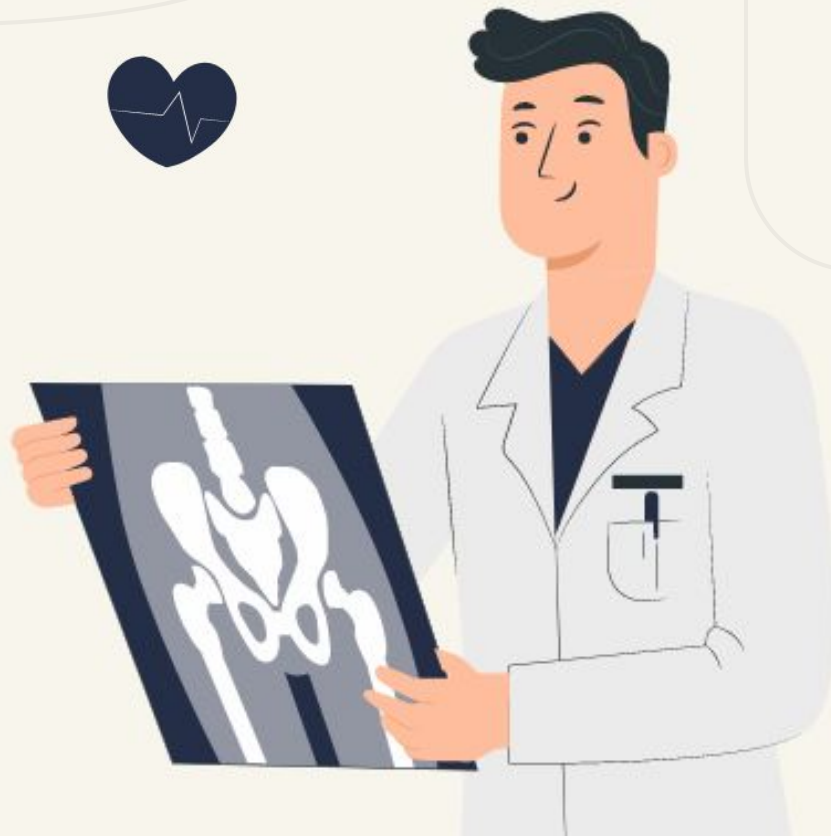# Crossing Borders with Mass-Passport: Your Multilingual Health Record Solution

Team Los buenos de mosquitos

Yujie Jiang, Jaskirat Kaur, Stephan Garner, Grey Xu, Amy wu-wu

Problem Statement I - Newcomers

Eligibility and complexity of applications

Administrative burdens

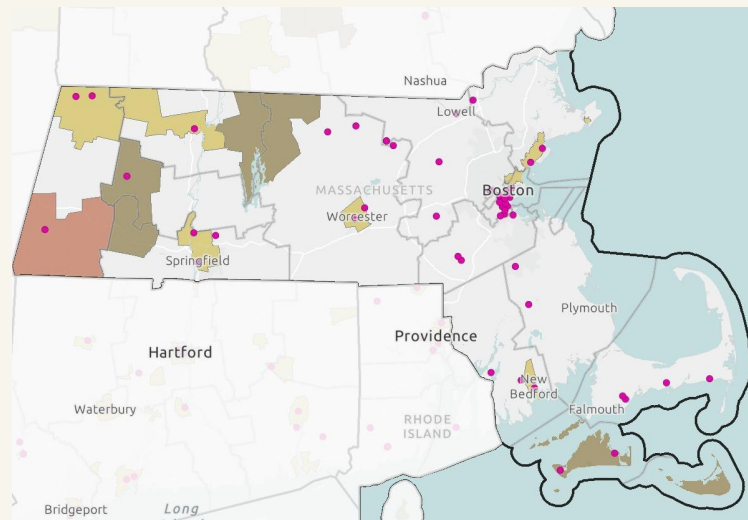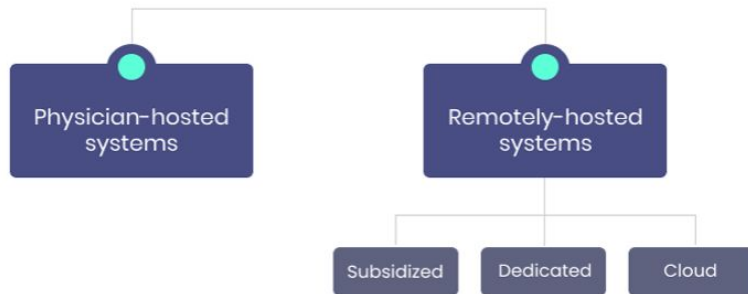Languages, literacy and cultural barriers

Transportation Difficulty

Problem Statement II - Healthcare Sectors

Physical Record Sharing Difficulties: Hospitals in Massachusetts are protective of their medical records, creating difficulties in transferring information across physically isolated facilities. This issue is exacerbated in hospitals facing resource shortages.

Electronic Record Costs: Filling out new electronic medical records at each healthcare visit increases costs for both providers and patients.

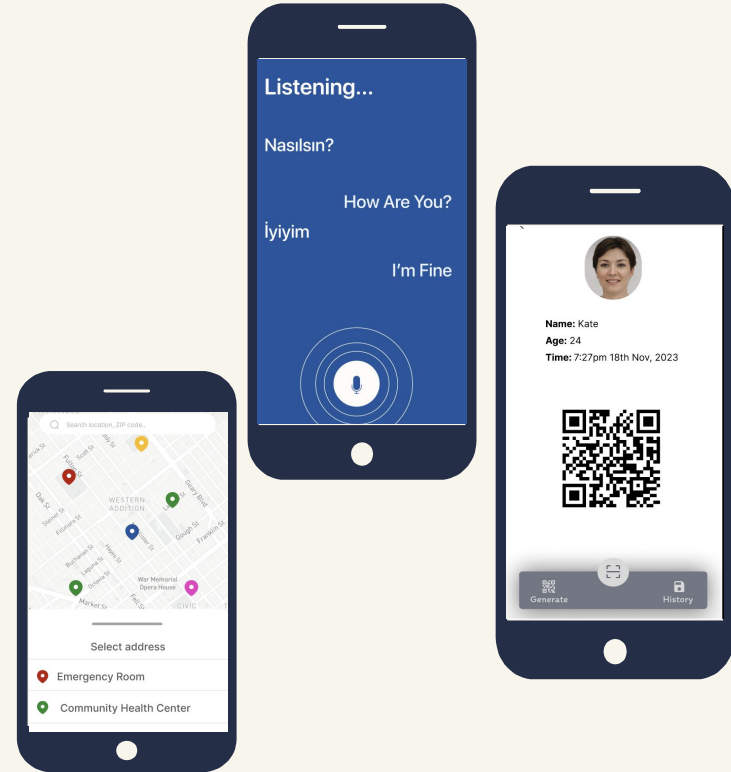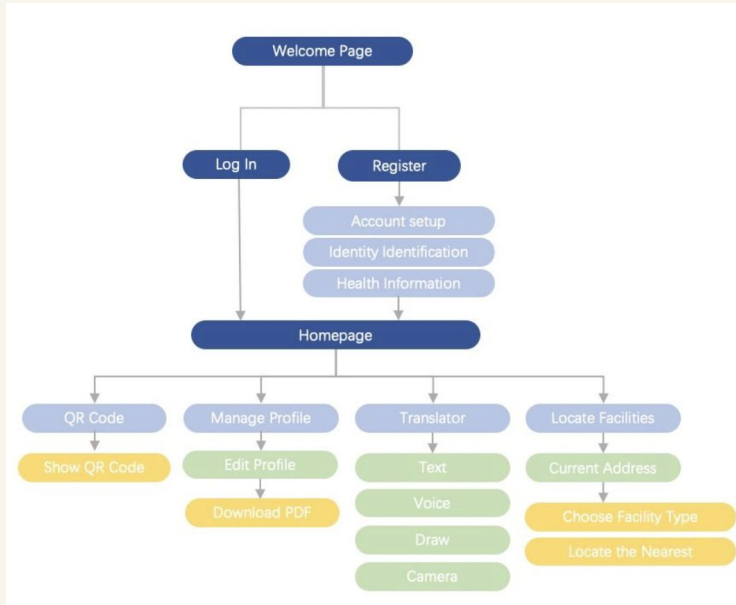
Types of EHR & EMR systems by deployment

Physician-hosted systems

Remotely-hosted systems

Subsidized | Dedicated | Cloud

Health Professional Shortage Area - Primary, Designated Population Group by Shortage Area, HRSA HPSA Database May 2021

■ High Needs Geographic HPSA
■ Geographic HPSA
■ Population HPSA

Facilities Designated as HPSAs by Discipline, Primary Care Facilities, HRSA HPSA Database May 2021

• May 2021

https://communityhealthdata.mass.gov/map-room/, 11/18/2023

MassPass: A One Stop Solution to Patient Care

Click here to access the link to the application

Why our solution?

- Enhancing Healthcare for Newcomers in Massachusetts:

  - Navigating Immigration Challenges and Overcoming System Constraints for Improved Access and Quality Care.

- Towards Inclusive Healthcare Policies:

  - Addressing Insurance needs and giving data back to people.

- Unpacking Healthcare System Constraints

Our Recommendation

E-Passport

01

QR-code based medical record system that integrate to popular ERMs, install immediate AI translation, and provide readily available health sheet.

Work force

02

Active recruitment of foreign medical expertise to work in areas that have been less attractive to national providers.

Education

03

Holistic newcomer education program to bridge the culture gaps and facilitating health information via available tools like WhatsApp Business

Telehealth

04

Leverage the power of online telehealth channels to further remove the transportation barrie on the newcomers

Eligibility

05

Expand standard MassHealth to all eligible undocumented populations to curtail the administrative complexity

End!