## **Patient Journey Map**

Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation | October 8, 2022

Blue = Areas Not Covered in Value Stream Mapping

Scenario

Josh is a 30 year-old, male patient. He is generally active and healthy. However recently feeling unwell for a few days and would like to see a doctor.

## **Goals and Expectations**

- He'd like an easy way to schedule an appointment without spending time figuring out where to go.
- He is a proactive person and would like to know what he should be doing throughout his treatment.
- · Would like to make sure he maintains his standard of wellness.

Individual feels unwell	Schedules Appointment	Visit with Clinician	At-Home Care	Follow-Up Appointment
1. Goes to Google to research similar problems  2. Researches doctors who address a multitude of potential issues they found  Conncerned and scared	3. Looks up doctor office online to find contact.  4. Skims through multitudes of physicians on-line, but unsure who they should be seeing.  5. Contacts generic number and is transferred multiple times before connecting with someone.  6. Contacts previous physicians offices and tries to collect data  Confused and frustrated	7. Travels to clinic  8. Checks in to clinic  9. Asked to provide medical recordsm proof of insurance, and co-pay  10. Fills out forms with data just provided.  11. Meets with physician and receives treatment options.  12. Picks up medications at pharmacy.  Happy to be heard and listened to		16. Takes off work and travels to clinic  17. Checks in to clinic  18. Asked to provide insurance and co-pay  19. Meets with physician and receives direction to keep on doing what they are doing.  Happy on right path, but frustrated about spending time off work
Opportunities	Opportunities	Opportunities	Opportunities	Opportunities
Easy to access care site with defined people to connect with.	<ul> <li>Multiple options to schedule an appointment.</li> <li>Easy to access medical record request process</li> </ul>	Streamlined check-in and payment process that can be addressed prior to or after visit	Easy to access resources with what to expect and when to connect with a clinician	Multiple care options available to minimize need to travel and take off work
Owners	Owners	Owners	Owners	Owners