### **Sprint 4**

### **Circle**

**Names:** Amrita Pasupuleti, Sai Bhujangari, Advik Kunta, Manusri Allam, Rushil Nagpal, Vishwa Vijaysankar

**Team roles:**

Amrita Pasupuleti - Developer

Sai Bhujangari - Developer, Scrum Master

Advik Kunta - Developer, Product Owner

Manusri Allam - Developer

Rushil Nagpal - Developer

Vishwa Vijaysankar Developer

### **User Stories and Tasks**

**“As a patient I want to be able to set up an appointment quickly and with accurate information”**

* Set up phone number for patient to call (2 hours)
* Store patient information from phone call in supabase (2 hours)
* Parse appointment date and time from transcript (2 hours)
* Store data from patient answers to the form in supabase (2 hours)
* Update UI to be more responsive and smooth as the patient navigates through pages and inputs information (1 hour)

#### **"As a patient, I want my data to be securely stored."**

* Finalize integration of phone call data storage with the database. *(2 hours)*
* Encrypt patient data for secure storage and transmission. *(3 hours)*
* Set up protected route to access different pages in the website (2 hours)

#### **"As a doctor, I want to be provided with accurate information about the patient so my diagnosis can be as good as possinle"**

* Perform end-to-end testing of the AI chatbot, ensuring diagnostic leads are generated from patient inputs. *(4 hours)*
* Update chatbot frontend for more responsibve UI (1 hour)
* Conduct usability testing for the chatbot's doctor UI to identify gaps and improve interaction flow. *(2 hours)*
* Ensure AI leads are helpful and accurate, fine tune these further after doing safety testing to avoid misinformation (prioritize accurate hints to what the diagnosis could be) *(4 hours)*

#### **"As a doctor, I want to view and navigate patient intake transcripts and health records efficiently so I can focus on important details."**

* Generate a downloadable PDF transcript of the patient’s phone call. *(3 hours)*
* Store patient EHRs in the form of pdfs (2 hours)
* Display pdf in the patient EHR page (1 hour)
* Allow AI to access data from the PDF to improve chatbot responses by having a smart search feature (doctor can easily find information from the EHR by asking the chatbot (2 hours)

**"As a doctor, I want to be able to efficiently access information based on my notes"**

* Allow the doctor to annotate pdfs (3 hours)
* Allow doctors to save notes for each appointment by adding a notes section in the summary page (1 hour)
* Store annotations and notes in supabase (1 hour)
* Store annotations in supabase (2 hours)

### **Jira**

<https://ucsc-team-circle.atlassian.net/jira/software/projects/SCRUM/boards/1?assignee=unassigned%2C712020%3Acc36e8f7-bd8c-4437-aa9d-c5110741990b%2C712020%3A13d1d21c-a6fa-457f-9b44-6d90c8abf60f%2C712020%3Ab293978a-022f-42ba-9081-ea9040353c8f%2C712020%3Afbaa3a0c-10ae-43e7-9f4c-1502200850e9%2C712020%3Aeaf864a4-0e6f-4c94-b2b6-28f16d1787d5%2C712020%3A1241e404-9428-43c3-a248-f109c079e3a6&cloudId=2461c537-6812-45ee-904a-feb32f459687&sprints=5>

### **Scrum Times**

Tuesday 8pm-9pm

Thursday 6pm-7pm

Friday 4pm-5pm - TA Meeting