**Release Summary**

Circle

Team:

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**Key user stories and acceptance criteria:**

* As a Doctor/Patient I want to be able to login to my account
  + When creating an account, there should be an option to sign up as a patient or doctor
  + When signing up, there should be fields for name, email, phone, and password
  + The user info should then be able to be saved on supabase so they can login with the same credentials
  + There should be protected routes so the user can only access certain pages when they have the correct credentials
* As a patient I want a streamlined interface where I can input information about my symptoms
  + They should be able to see a landing page with a brief explanation of the process of setting up an appointment
  + The next page should allow them to answer a form, where the answers should be saved in supabase
  + The third page should allow them to talk to the chatbot to collect the most relevant data, where the symptoms and appointment information should also be saved in supabase
  + The fourth page should show a confirmation of their appointment details
* As a patient, I want my data to be securely stored.
  + Ensure that data is securely stored and encrypted in supabase.
* As a doctor I would want to see information about my upcoming appointments
  + There should be a table of all upcoming appointments with basic details about each appointment (Patient name, date, time, and a button linking to the appointment page)
* As a doctor, I’d want to access to a central dashboard to view collected patient data
  + The appointment summary should have an AI summary of symptoms, a set of warnings about the patient’s medical history and connections with current symtoms.
  + The EHR should display the patient’s full medical records in PDF
  + The transcript page should display the transcript of the patient’s conversation with the chatbot.
* As a doctor, I want the system to aid diagnosis by smartly summarizing symptoms and making connections to the patient’s EHR
  + The doctor should be able to quickly get accurate information by asking the chatbot a question instead of looking through the entire EHR
  + They should be able to ask questions about patient’s symptoms
  + The chatbot should not provide diagnosis but rather possible connections between the patient’s symptoms and medical history, or warnings about dangerous symptoms (this is a diagnostic aid, not a diagnosis calculator, it should not provide incorrect diagnosis)

**Known Problems:**

* Issues with google authentication
* Patients cannot edit their information after the call is over
* There are still a few issues with the AI parsing so further prompt engineering of the chatbot is required
* The doctor cannot edit the information they see about the patient’s EHR

**Product Backlog:**

#### **"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
  + Store annotations and notes in supabase
  + Store annotations in supabase
* Add editing functionality to the patient EHR pages
  + Doctor would be able to update patient’s history and update new files for the patient’s EHR
* Deploy project using vercel
* Update css to enable mobile compatibility