**Release Plan – CSE 115a**

• **Heading:**

Circle

A medical web/mobile application to revolutionize the efficiency of sharing information between patients and their doctors

10/14/2024

• **High level goals:**

**Collecting Patient Information**

Patients can easily input their symptoms through an AI-powered chatbot that asks relevant follow-up questions, helping to clarify the issue.

**Diagnostic Aid**

The system analyzes patient data from electronic health records (EHR) to detect potential symptoms or overlooked details, offering valuable leads and warnings.

**Q&A Reference for Doctors**

Doctors can interact with patient information and insights through an AI assistant

**User stories defining the scope of the release:**

• **The complete list of user stories** will take the form of:

* o Sprint 1
  + As a Doctor/Patient I want to be able to login to my account
  + As a patient I want an interface to input information
  + As a doctor I would want to see upcoming appointment information
* Sprint 2
  + As a patient, I’d want a streamlined experience of collecting my information and asking relevant (I want to easily interact with someone/something so all the relevant information about myself is collected)
  + As a doctor, I want to access a dashboard with patient information
* Sprint 3
  + As a patient, I want to be able to submit clarification on any misunderstandings with what I’ve said.
  + As a doctor, I want the system to smartly summarize symptoms, make connections to the patient’s EHR, alert of possible underlying conditions
* Sprint 4
  + As a patient, I want my data to be secure and compliant with healthcare data regulations.
  + As a doctor, I’d want to be able to ask questions in natural language and query the patient’s information smartly through ai

• **Sanity check your release plan.**

Is the plan within the team’s capacity? Given what you know about your team’s capabilities at this point, is the total amount of work doable (add up the story points for all user stories and compare with the team’s capacity).

Is the work distribution across sprints reasonable? Did you allow for time spent on infrastructure tasks and spikes? Holidays? Midterms?

• **Product backlog:** A listing of all high-level goals and user stories that were discussed in the release planning meeting, but which did not make it into the release at this point. User story priorities may change in the course of the project and therefore the PO may decide to downgrade some user stories currently in the release plan and promote some user stories currently in the backlog. The release plan and product backlog should be revisited and updated after each sprint.

The product backlog remaining at the end of the last sprint can serve as the starting point for a subsequent release.