




FHIR Resource Retrieval

Distributed Suffering

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Project Relevance

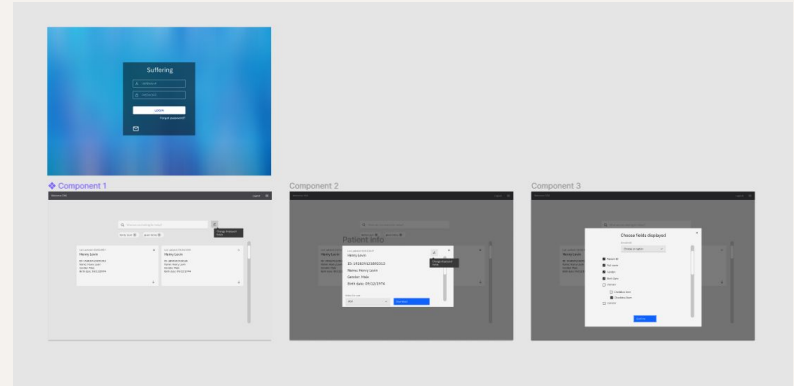
- Provides easy process for viewing all
available patient records
- Use cases:
 - Data Transfer
 - Patient Data Request

Decisions Made - Early Stages

- 4 Milestone Structure
 1. Project Stub
 2. Rough Logic Finished
 3. First Finished Implementation
 4. Iteration on Implementation from 3.
 - Tech Stack
 - Implementation: Typescript, javascript, React, express
 - Testing: jest, CircleCI for automating tests in Github
 - Containerization: Docker
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Decisions Made - Mid Project

- Create and confirm AC with client
- Backend
 - Data volume and handling
 - Query parameters
 - Paging
- UI
 - Final structure
 - Data format



Decisions Made - Late Stages

- Cut the following features:
 - API Documentation
 - Defects backlog
 - User testing
- Final UI structure:
 - Adding tag search.
 - Data organization for the patient float.

Tests and Validation Criteria

- Validation criteria was agreed on beforehand with industry partner per feature.
 - Validation consisted of:
 - Manual UI testing
 - Automated backend tests
 - User story verification upon story implementation.
 - Developers tested their own code and reviewed each others' Pull Requests to ensure requirements were met.
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Adjustments and Learning

- Adjusted work assignment based on skills, availability throughout the project.
- Kept pushing CircleCI integration to later milestones.
 - Scrapped completely at the end.
- Adjusted testing scope based on time constraints.

Adjustments and Learning

- A lot of UI changes throughout the milestone.
 - Multiple search fields per category → tag search system
 - Checkboxes → dropdown menu for choosing displayed resource
 - Display only the most basic information on the patient cards
- Allow user to choose what data they download.

Thanks!

Questions/comments?

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Has Anyone Really Been Far Even as
Decided to Use Even Go Want to do
Look More Like?

-Nikita Shumeiko, Local Idiot