



## COTA Healthcare

Role: Design Technologist, UI / UX designer

Languages: HTML5 / SCSS / Handlebars.js / Angular.js / Qlik Sense

Tools: Sketch / inVision / Photoshop / Illustrator

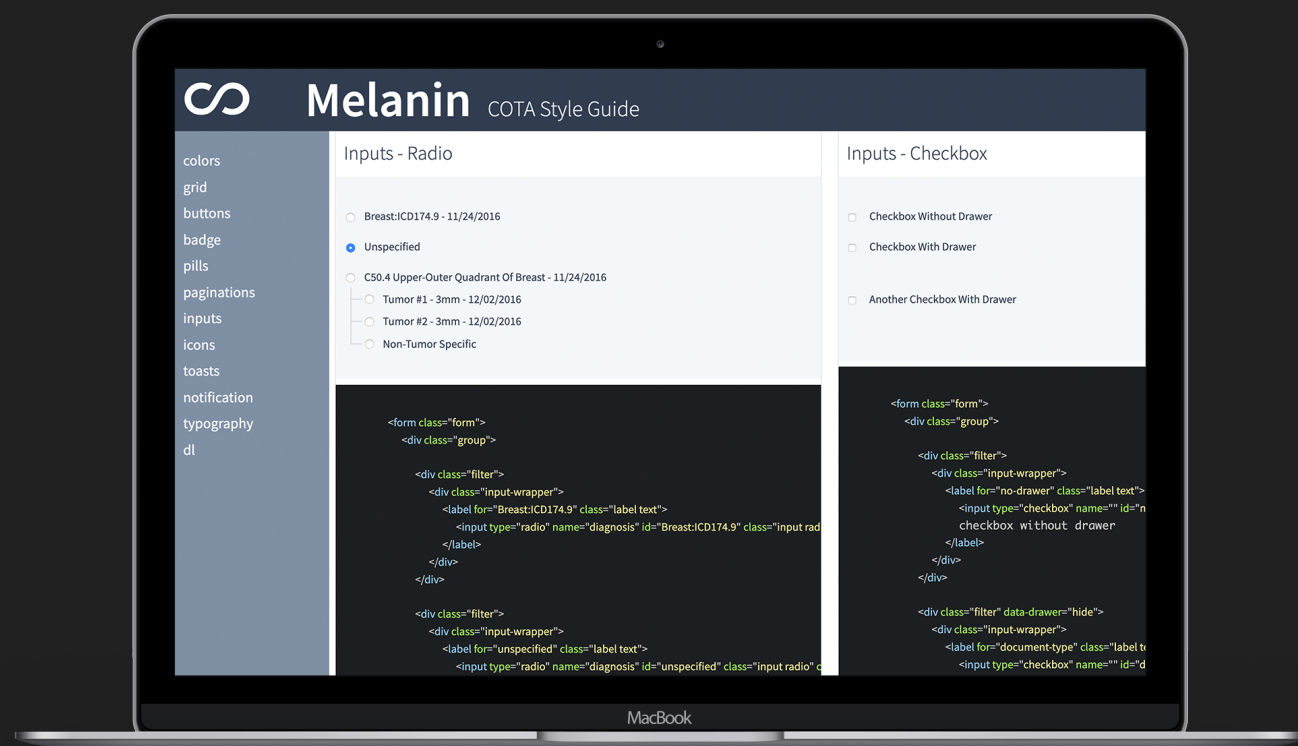
Team structure: 4 Senior front end developers

About COTA:

COTA combines oncology expertise with advanced technology and analytics to organize real-world, fragmented data in order to guide decisions and actions so that every patient gets the right treatment.

They are committed to working with providers, payers, life sciences companies, patients and the FDA to change how cancer is studied and

## Design Library



What is this application for:

In order to speed up development process while building pixel perfect and robust user experience applications, I created a style guide where engineers are able to integrate HTML code into an application Ember.js.

The extraction application was so data-dense that customizing third party libraries was cumbersome. That is why we decided to create an in-house style guide.

Target audience:

In-house front end engineers

How is this application was used:

Front end developers integrated the markup into Ember and Angular environment, while I maintained and shipped updated stylesheets.

My responsibility:

UI / UX Design

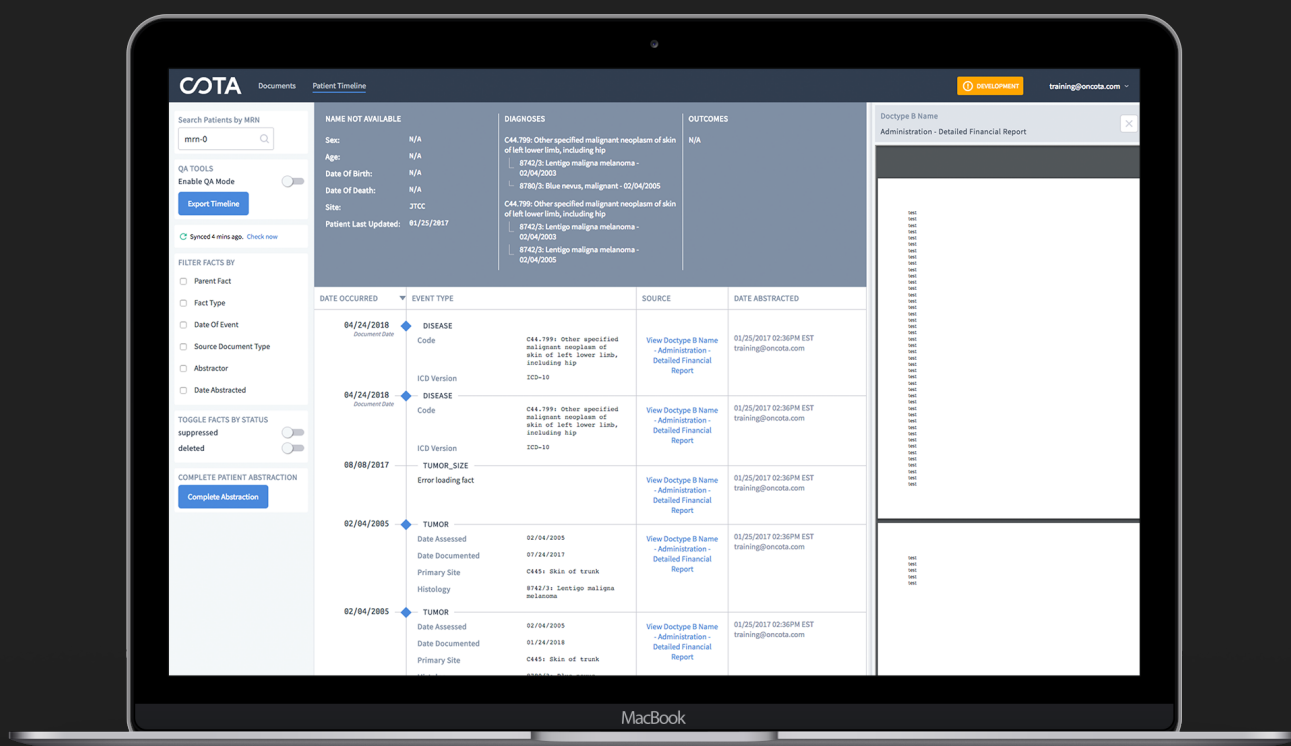
Code in HTML5 and SCSS

Create and manage style guide

Challenges:

Making sure that engineers and I are on the same page so that design, HTML, CSS and JS can be shipped within the same sprint cycle.

## Extraction Application



What is this application for:

This application was for data abstractors to manually yet quickly and accurately collect medical data..

While some medical practices moved to digital communication, others still rely on documents on paper.

The extraction application was incredibly data-dense so that customizing third party libraries was cumbersome.

Target audience:

Data abstractors

How is this application was used:

Data abstractors entered medical data from pdf

My responsibility:

UI / UX Design

Code in HTML5 and SCSS

Create and manage style guide

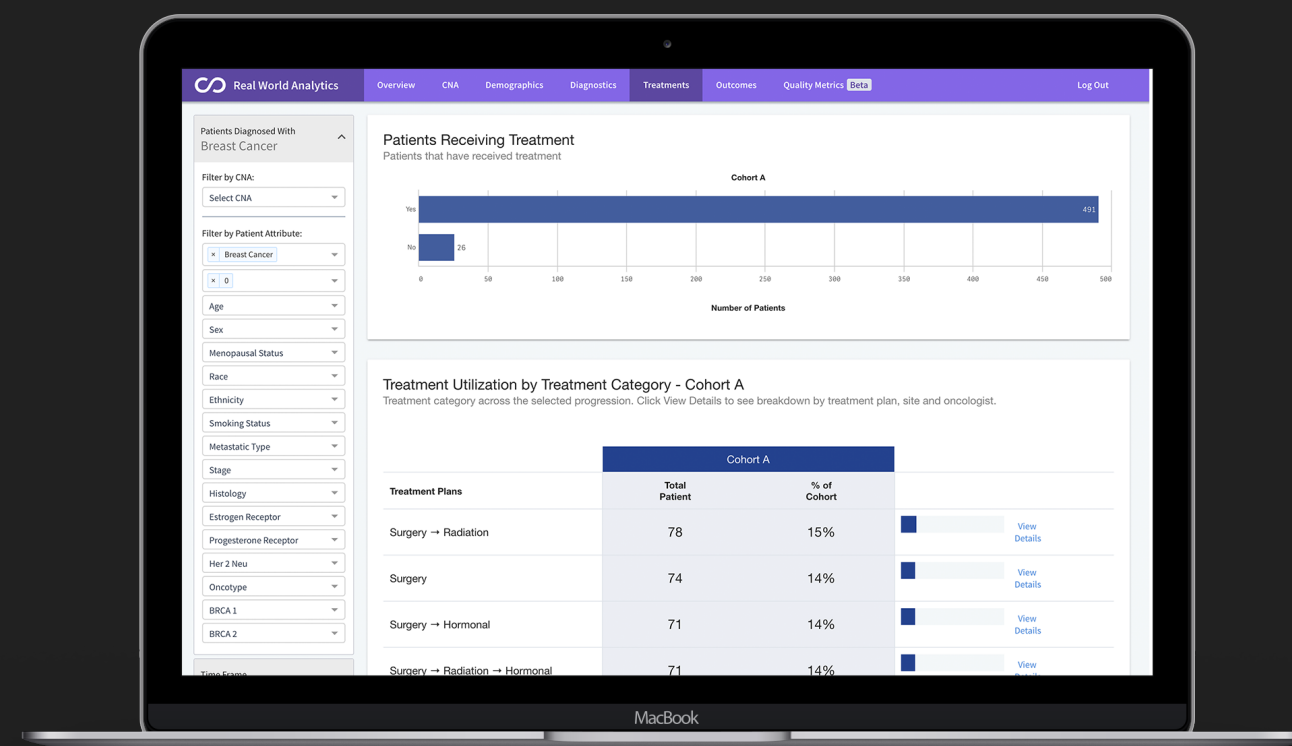
Deploy latest stylesheet when applications were deployed to production

Challenges:

Oncology medical data are incredibly complicated. It was quite challenging to predict how much data is going to be rendered in any given space.

Most commonly used monitors were quite small while we need to display large quantities of data.

## Provider Application



What is this application for:

This application was to display visualized oncology medical data including treatments and outcomes. Medical providers were able study data we have.

Some visualizations were from Qlik sense while others were D3.

Target audience:

Medical providers

How is this application was used:

Medical providers study and compare our data vs theirs

My responsibility:

UI / UX Design

Code in HTML5, SCSS, angular.js

Challenges:

Customizing visualization in Qlik sense was quite challenging.

We used Angular Material Design so we couldn't use the in-house style guide anymore.