Portfolio

Description: Website designed to display my projects and work for potential employers

Target Audience: Employers looking for a software engineer

Production Level: Portfolio

Language(s): Typescript, HTML, SCSS

Framework: Angular 5   **Hosting:** Google Firebase

Storage: Google Firebase   **Authentication:** N/A

Color Scheme: Primary: #90a4ae   Primary-Light: #a7c0cd
Secondary: #689f38   Secondary-Light: #99d066

Primary-Dark: #4b636e
Secondary-Dark: #387002

Font Color: On Primary: #000000   On Primary-Dark: #ffffff
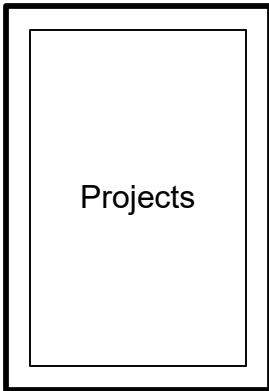On Secondary: #000000   On Secondary-Dark: #ffffff

Minimum Viable Product: Features available in the MVP:

1) Information Displayed:
   a) Work Experience
   b) Skill Experience
   c) Example Work
   d) Professional Development
   e) Contact
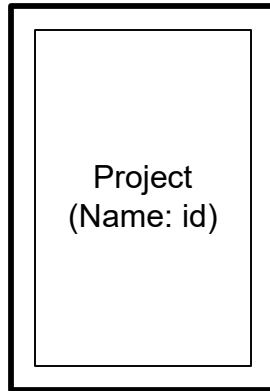
Desired Features: Github Commit Activity

Site Navigation

Data Model: Firestore/Storage
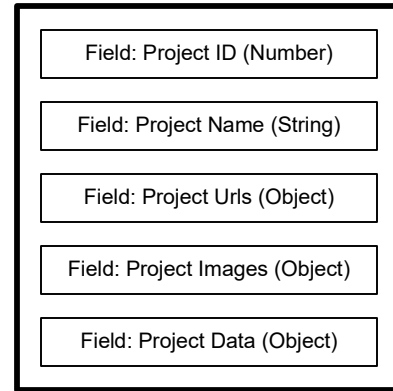
Root:

Projects

Root:

Project (Name: id)

Project Document

Field: Project ID (Number)
Field: Project Name (String)
Field: Project Urls (Object)
Field: Project Images (Object)
Field: Project Data (Object)

Angular 5 Custom Services

Firebase Service

Description: Service Manages interactions with the firebase db to get project information

Project: Object
- Timestamp
- EventType
- Payload
- Repo

Github API Service

Description: Service Manages the Github activity stream implemented on this page

Event: Object
- Timestamp
- EventType
- Payload
- Repo

getActivity: function

Angular 5 Custom Directives

Frames

Work Frame

Description: The work frame is designed to display the Github feed of what I am currently working on as well as information on works I have selected as examples of my abilities

Components:
- Github Feed
- Projects
- Details

Layout: The Work Frame will be broken up into 2 panels and a supporting service. Panel A will include the Github Feed and the selected works section. Panel B will display details about the selected projected. Panel B will get this data from the supporting service.
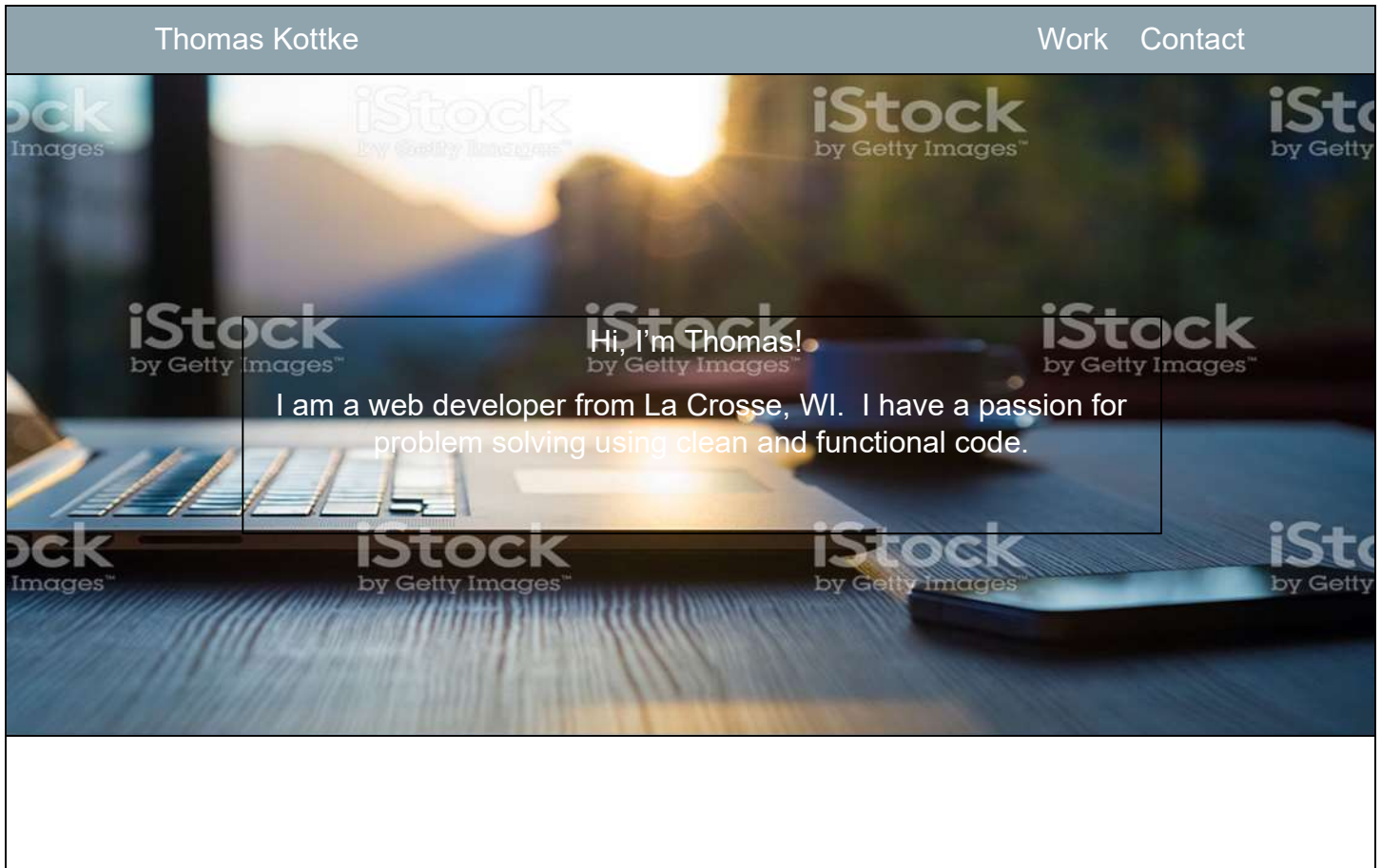
Action: Panel A will initially load when the user selected to navigate to the Work Route. No loading animation will occur. If the user selects a link in the Github feed, a new tab will open with the content they are looking for. If the Details button is clicked on a project tile, Panel A will slide to the left out of frame as Panel B slides from the right. The opposite will happen when the back button is clicked on Panel B.

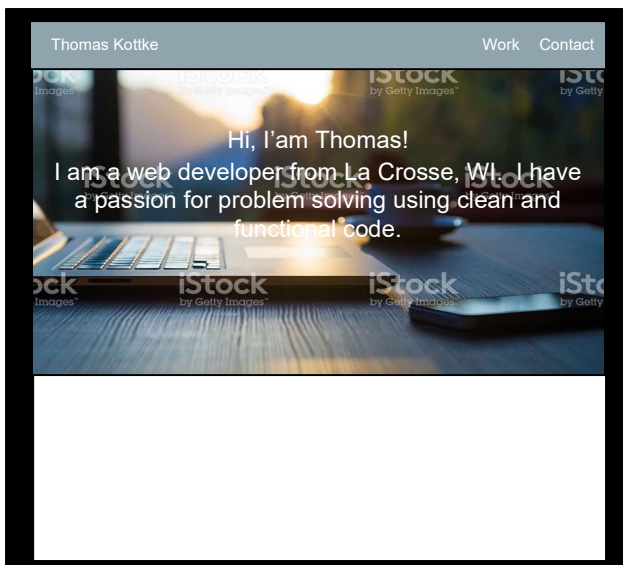| Toolbar |
|---|
| Panel A |

Panel B
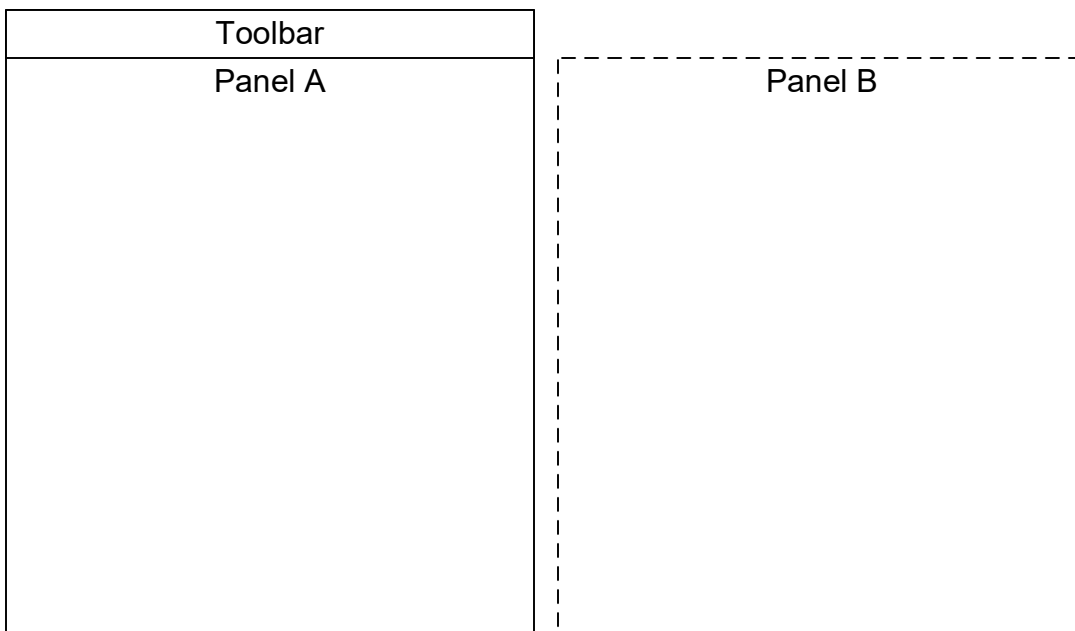
Header and Intro Component

Description: First Section of the portfolio which will contain links to other parts of the site and a quick intro.

Desktop:

Thomas Kottke   Work   Contact

Hi, I'm Thomas!

I am a web developer from La Crosse, WI. I have a passion for problem solving using clean and functional code.

Tablet:

Thomas Kottke   Work   Contact

Hi, I'am Thomas!
I am a web developer from La Crosse, WI. I have a passion for problem solving using clean and functional code.

Phone

Thomas Kottke

Hi, I'am Thomas!
I am a web developer from La Crosse, WI. I have a passion for problem solving using clean and functional code.

BEM Tree:

```
nav-bar
        matToolbar
                left-spacer
                name
                mid-spacer
                about
                work
                skills
                contact
                right-spacer
app-intro
        intro-greet
        intro-desc
```
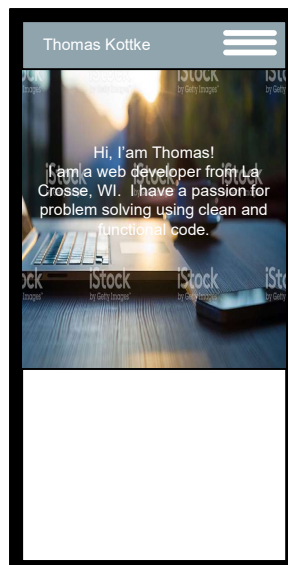
About Component

Desktop:

About Thomas:

I am life long learner and self-taught web developer. I have learned from my customer service experience that not everyone is into technology, however technology plays an integral role in everyone's life. I have a passion for learning about and leveraging technology to develop solutions for all users.

I enjoy working on full stack web development, data collection and analysis, as well as artificial intelligence projects at this time.

Currently I am focusing my attention on improving my front end development skills leveraging Angular 5 and Typescript.

In my free time I am also working to develop hardware solutions to further enhance my other hobbies. I using microcontrollers such as the Arduino Uno and Expressif ESP32 to design and build hardware systems.

Skills at a glance:

* This is not an extensive list

Expert
Proficent
Comfortable
Novice
Rookie

HML5   CSS3   Javascript   Typescript   Node.js   Angular 2+   Redis DB   Google Firebase
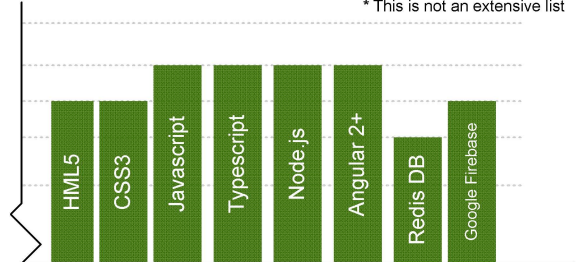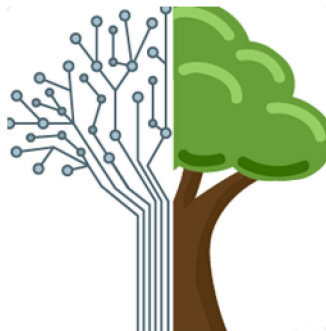
My life at a glance:

Web Development
HTML5/CSS3/Javascript/Typescript

Design
Problem Solving/Planning

Interacting
Teamwork/Leadership/Training

Front End Frameworks
Angular 2+, Angular Material

Databases
Redis/SQL/Firebase DB

Nature
Camping/Hiking/Kayaking/Golf

Building
Woodworking/Model Railroad/Homebrewing

Coding
Arduino/C#/Typescript/Angular5

Socializing
Friends/Family/Family Vineyard

Theater
Sound/Set/Lights/Design

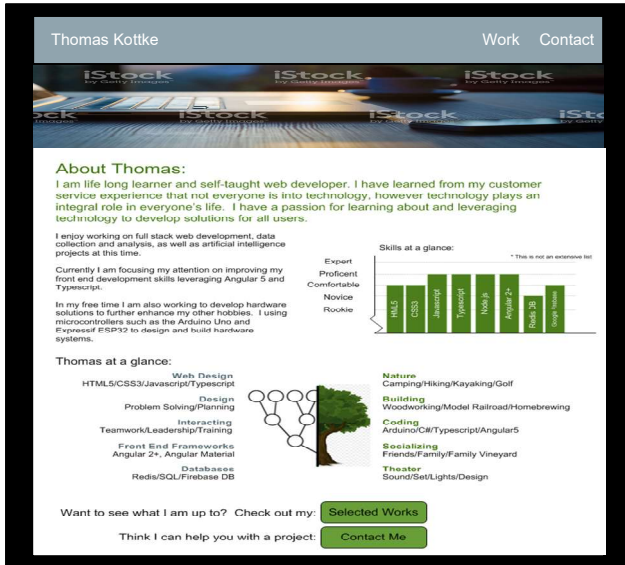Want to see what I am up to? Check out my: | Selected Works |
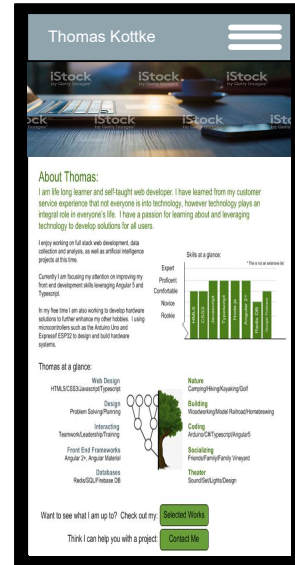
Think I can help you with a project: | Contact Me |

About Component (cont.)

Tablet:

Phone:

BEM Tree:

```
about
        intro
                intro-title
                intro-text
        current
                current-text
        skills
                img-skills
        glance
                glance-title
                glance-img
        nav
                select
                        select-text
                        select-btn
                contact
                        contact-text
                        contact-btn
```
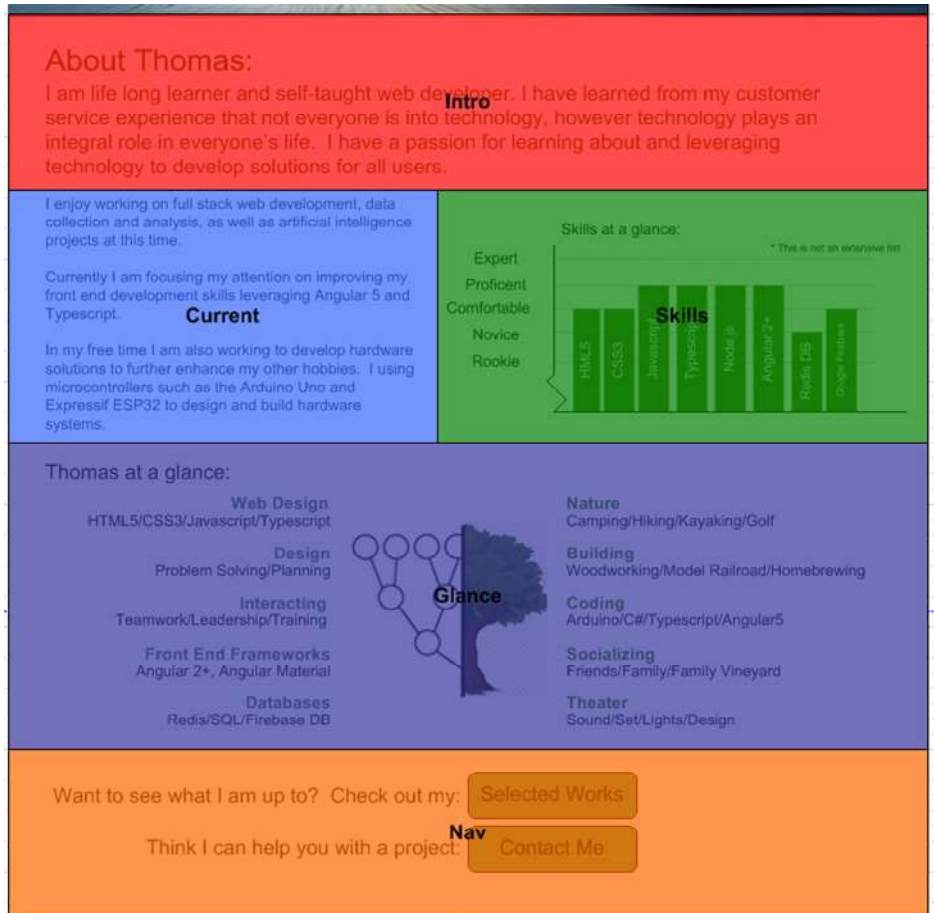
CSS Grid Plan

Work Component (Blocks)

Github Feed Event Block

about 2 hours ago
tkottke90 pushed to master at tkottke90/portfolio
  5fe4f2 Finished About Component Concept
  cd88f6 Added Event Data Classes
  This is an example of a comment on an event
  This is an example of a comment on a merge pull request
  1 commit with 2 additions and 0 deletions

about 2 hours ago
Header
tkottke90 pushed to master at tkottke90/portfolio
  5fe4f2 Finished About Component Concept
  cd88f6 Added Event Data Classes
  Commits
  This is an example of a comment on an event
  Comments
  This is an example of a comment on a merge pull request
  1 commit with 2 additions and 0 deletions
  Merge Info

Github Feed Event (Push) BEM

```
github-event
    header
        action-icon
        timestamp
        event-header

    commits-collect
        commit
            user-img
            description
                link
                text
    comments
    merge-info
```

Github Feed Block

Github Logo   **Thomas Kottke**   Github Usr img

tkottke90 pushed to master at tkottke90/portfolio
  5fe4f2 Finished About Component Concept
  cd88f6 Added Event Data Classes
  6 Additional Commits >>

tkottke90 created a new repo at tkottke90/portfolio

tkottke90 pushed to master at tkottke90/portfolio
  5fe4f2 Finished About Component Concept
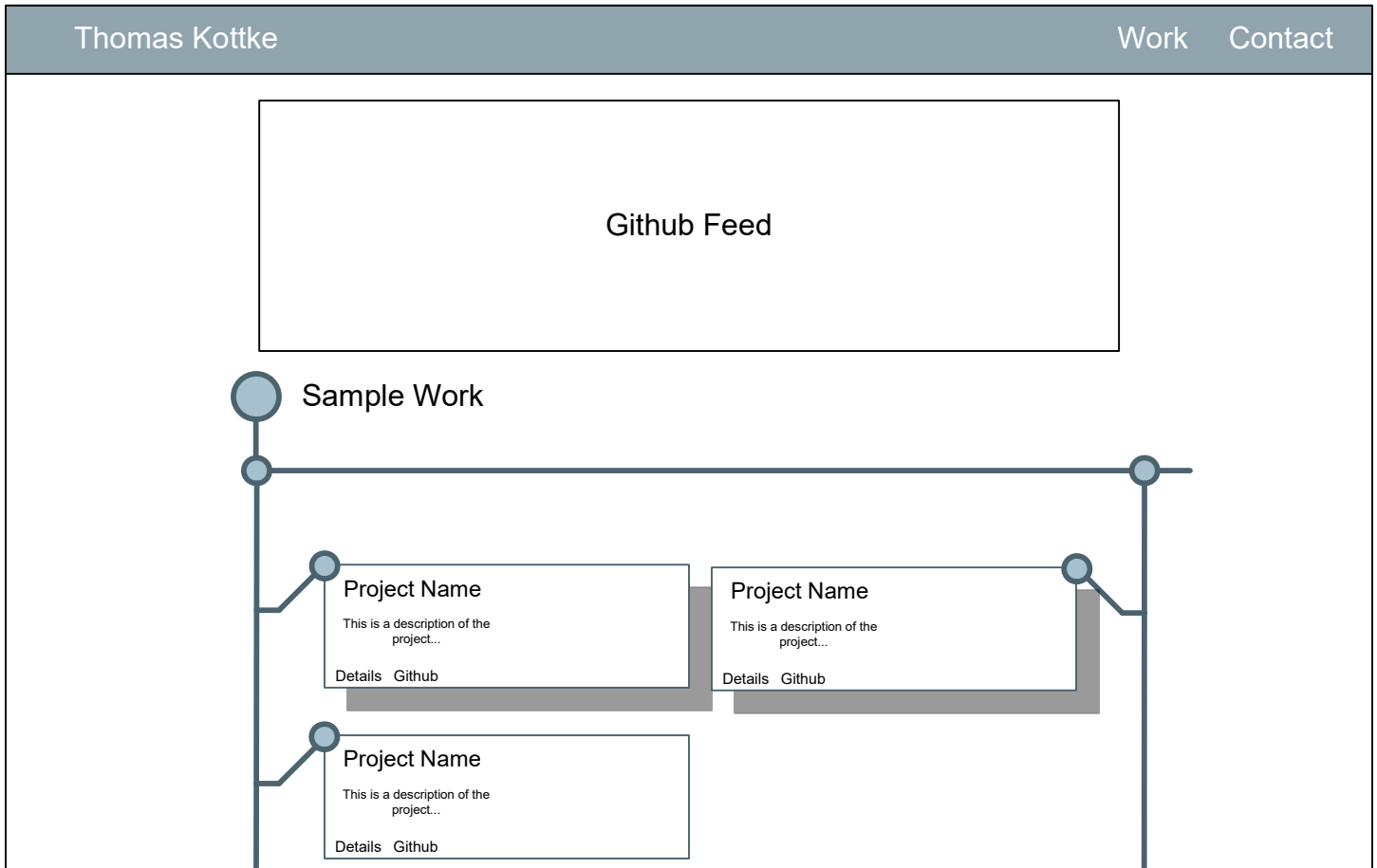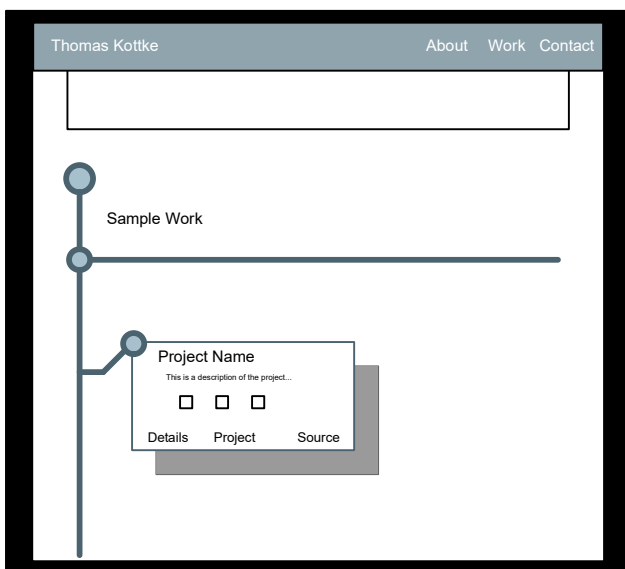 cd88f6 Added Event Data Classes
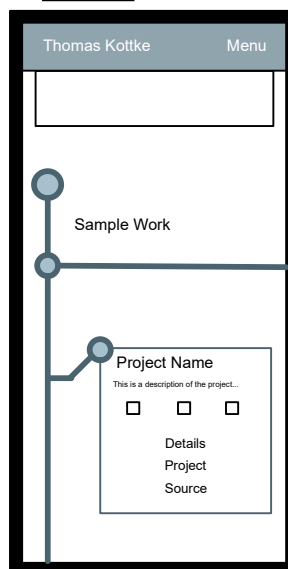 **6 Additional Commits >>**

Work Image Display Component

Desktop:

Thomas Kottke	Work	Contact

Github Feed

Sample Work

Project Name

This is a description of the project...

Details   Github

Project Name

This is a description of the project...

Details   Github

Project Name

This is a description of the project...

Details   Github

Tablet:

Thomas Kottke	About	Work	Contact

Sample Work

Project Name

This is a description of the project...

☐   ☐   ☐

Details   Project   Source

Phone

Thomas Kottke	Menu

Sample Work

Project Name

This is a description of the project...

☐   ☐   ☐

Details
Project
Source

Desktop:

Thomas Kottke   Work   Contact

Tablet:

Thomas Kottke   About   Work   Contact

Phone

Thomas Kottke   Menu