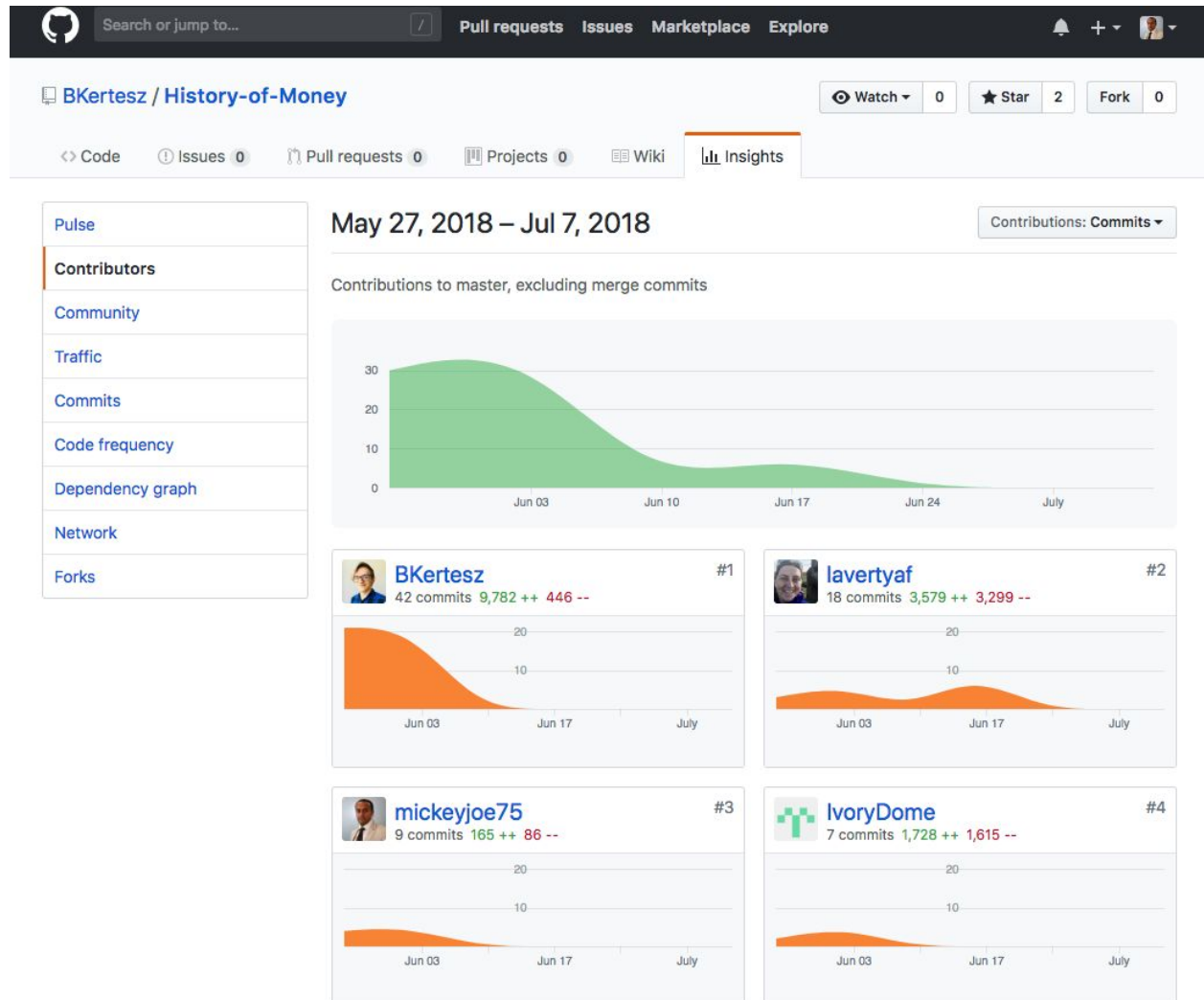Evidence for Project Unit

Joseph Manuel
E20

P. 1 Github Contributors page



P. 2 Project Brief

# Educational App Brief

The BBC are looking to improve their online offering of financial education content by developing an interactive apps that display information on the history of money in a fun and interesting way. The app will look at the 'History of Money', and will present an interactive timeline with clickable content. Facts and events will be displayed in a chronological order, additional information will be presented when items are clicked on.

## MVP

- Display some information about the history of money in an interesting way
- Clickable content will provide interactivity that enables a user to move through different sections of content

## Examples of further features

- Bring in data using an API or create your own
- Charts to track the change in value of items over time
- Show value of items in set barter item

## API, Libraries, Resources

- https://www.highcharts.com/ HighCharts is an open-source library for rendering responsive charts.
- https://leafletjs.com/ Leaflet is an open-source library for rendering maps and map functionality.

## Installing instructions

- Clone the repo from github
- Run npm install to get all necessary library
- Run mongod
- In a new tab run npm run server:dev
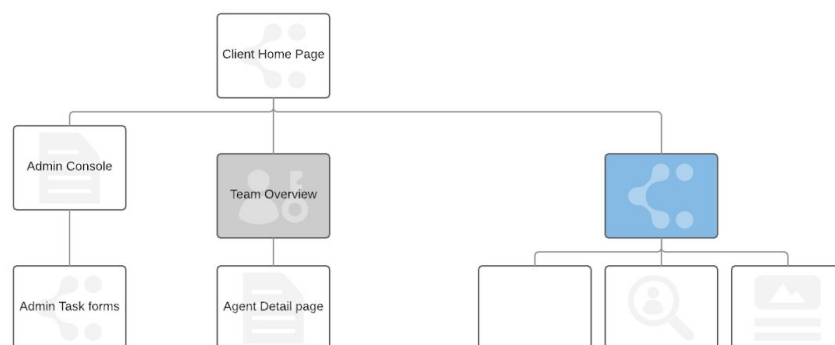- And again in a new tab npm run build

P. 3 Use of Trello
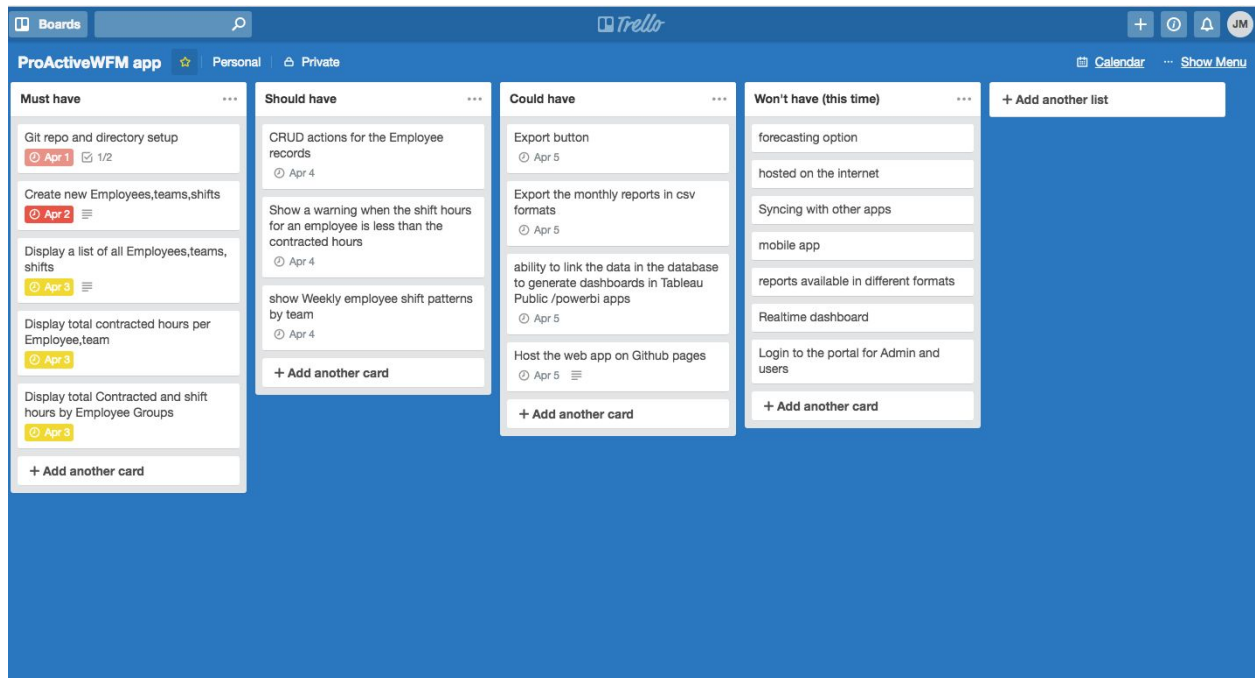
**P. 4 Acceptance Criteria**

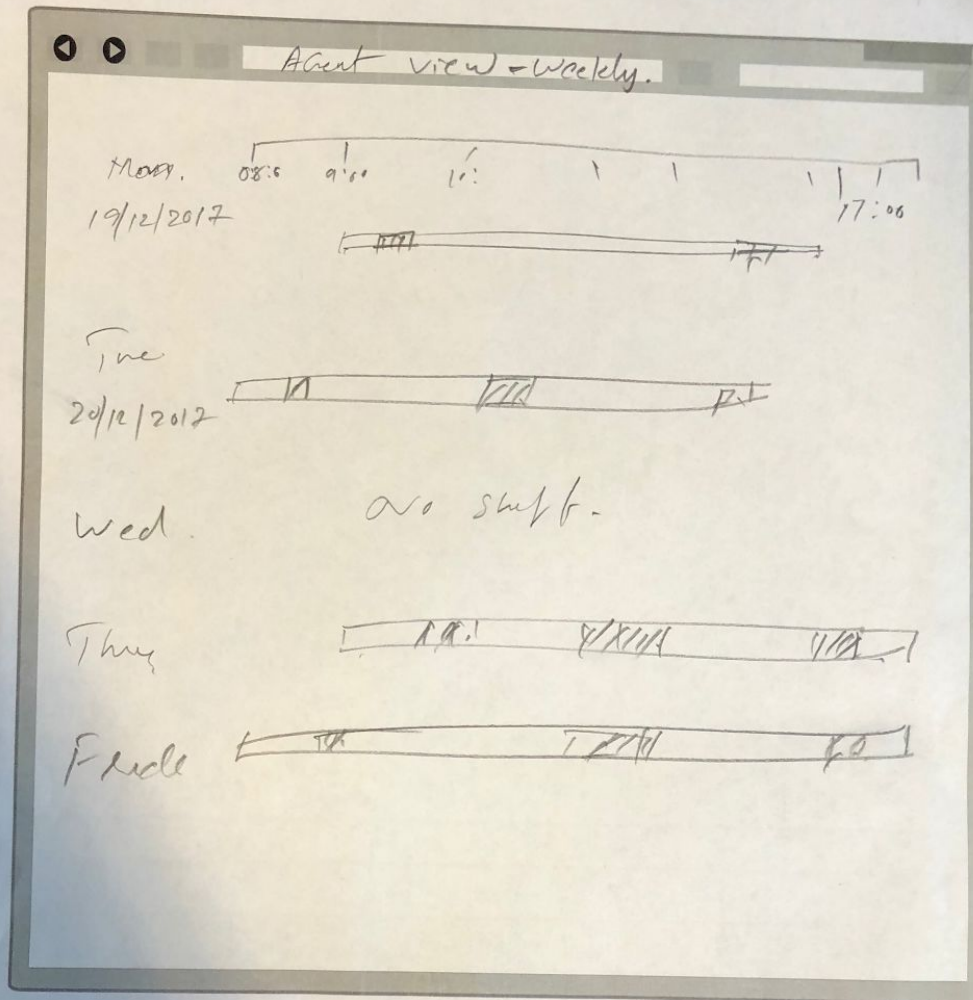**P. 5 User sitemap**



PROACTIVEWFM CLIENT SITE MAP          Joseph Manuel  |  April 2, 2018

P. 6 Wireframes designs



Functionality

Agent detail view to see
Shift details.

Priority

[ Team Name ] [ Team Leader ]

| E. Name | Sur. Name | Date | Shift Star | Snf End | Tota | hr |
|---------|-----------|------|------------|---------|------|-----|
| Daniel | Sabina | 2/05/24 | 08:0 | 16:3 | 8. | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Functionality** **Priority**

CREATE - Location, Organisation, Department, team
Job tittle,
CREATE - EMPLOYER RECORD - Enp ID,
Name, email, contracted Hrs, DOJ, DOB, Shift ID
CREAT SHIFTS. -
CREATE SCHEDULE -

P. 7 System interactions diagrams

P. 8 Two Object Diagrams

P. 9 Choice of two algorithms (find the algorithms on a program you might have written, show the code you have used. )

On this example please take a screenshot and write what it is doing and why you decided to use it.

P. 10 Example of Pseudocode

P. 11 Github link to one of your projects

P. 12 Screenshot of your planning and the different stages of development to show changes.

P. 13 User input

P. 14 Interaction with data persistence

P. 15 User output result

P. 16 Bug tracking report showing the errors diagnosed and corrected.

```
1   const SightingFormView = require('./views/sighting_form_view.js')
2   const SightingGridView = require('./views/sightings_grid_view.js');
3   const Sightings = require('./models/sightings.js');
4
5   document.addEventListener('DOMContentLoaded', () => {
6     const sightingsForm = document.querySelector('form#sightings-form');
7     const sightingsFormView = new SightingFormView(sightingsForm);
8     sightingsFormView.bindEvents();
9
10    const sightingsContainer = document.querySelector('div#sightings');
11    const sightingsGridView = new SightingGridView(sightingsContainer);
12    sightingsGridView.bindEvents();
13
14    const sightingsUrl = 'http://localhost:3000/api/sightings';
15    const sightings = new Sightings(sightingsUrl);
16    sightings.bindEvents();
17    sightings.getData();
18  });
19
```

Project

- lab_full_stack_post_birds_
  - client
    - public
      - css
        - main.css
      - images
      - js
        - bundle.js
      - index.html
    - src
      - helpers
        - pub_sub.js
        - request.js
      - models
        - sightings.js
      - views
        - sighting_form_
        - sighting_view.j
        - sightings_grid_
        - **app.js**
    - node_modules
  - server
    - db
      - seeds.js
    - routers
      - index_router.js
      - sightings_router.js
    - server.js
  - .gitignore
  - package-lock.json
  - package.json
  - README.md
  - webpack.config.js

● 0 ▲ 0    client/src/app.js    19:1                          LF  UTF-8  JavaScript  ⑁ master  ↻ Fetch  🗎 0 files  🔲 1 update

---

localhost:3000/api/sightings

Raw | Parsed

```
▼ [
  ▼ {
      "_id": "5b0fc7df411e8a15433731a3",
      "species": "Yellow Wagtail",
      "location": "Sutherland",
      "date": "2017-06-01"
    },
  ▼ {
      "_id": "5b0fc7df411e8a15433731a4",
      "species": "Red Kite",
      "location": "Knockshinnoch",
      "date": "2017-01-22"
    },
  ▼ {
      "_id": "5b0fc7df411e8a15433731a5",
      "species": "Little Egret",
      "location": "Seamill",
      "date": "2018-08-15"
    },
  ▼ {
      "_id": "5b0fc8387c9db25e13a73dd6",
      "species": "Humming Bird",
      "location": "edinburgh",
      "date": "2018-05-30"
    }
  ]
```
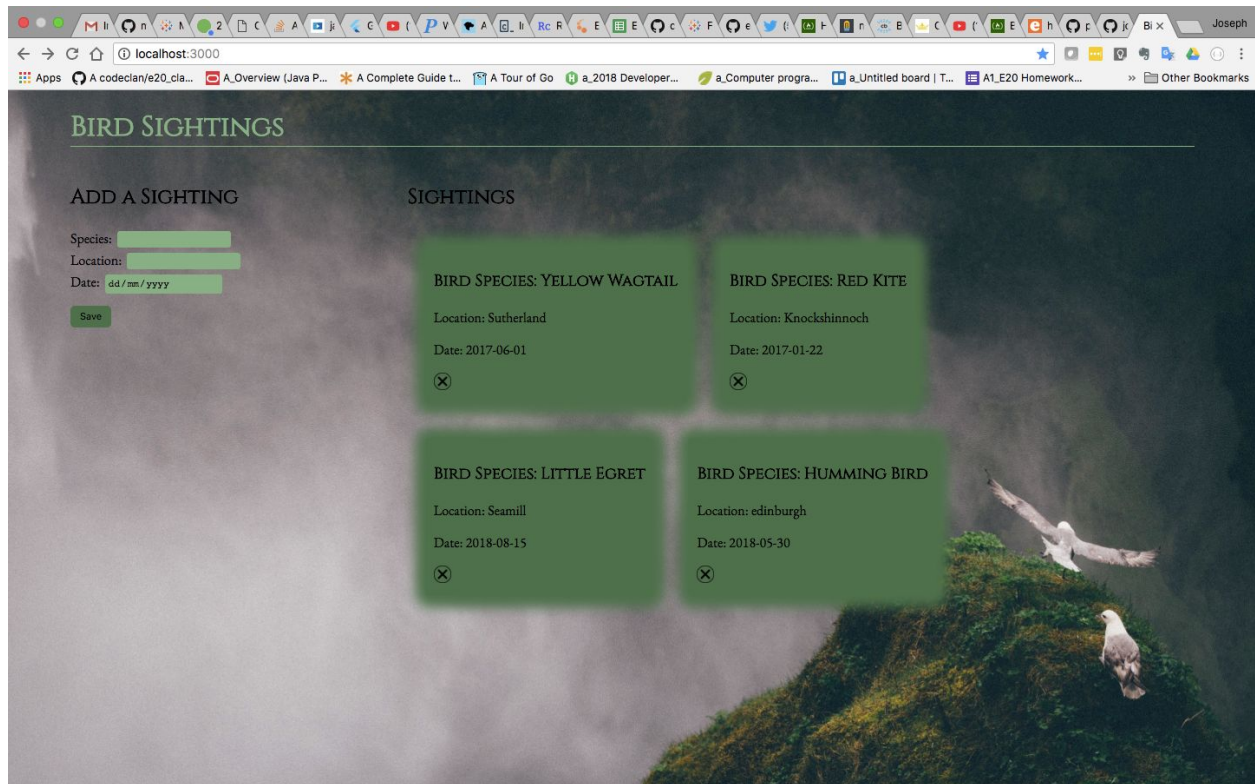
P. 17 Testing your program Show the test code, the test not passing…..and then the test fixed.