



## 4 - Testing in Dev Process (React)

Full Project Brief:	<a href="https://drive.google.com/file/d/1EEDqpcODkr29cVfZDEGgOjIwTEfsVPrE/view?usp=sharing">https://drive.google.com/file/d/1EEDqpcODkr29cVfZDEGgOjIwTEfsVPrE/view?usp=sharing</a>
Github:	<a href="https://github.com/koernerclaudia/meet">https://github.com/koernerclaudia/meet</a>
Live Project:	<a href="https://koernerclaudia.github.io/meet/">https://koernerclaudia.github.io/meet/</a>
Tech & tools & methods:	TDD, CRA (Create-React-App), AWS, Lambda Functions, Google API Console, Google OAuth, Gherkin, PWAs, Jest, Cucumber, Puppeteer, Cloud Services (Xaas),
Testing methods:	Unit, Integration, Acceptance, End-to-end

### Project Objective

To build a serverless (AWS), progressive web application (PWA) with React using a test-driven development (TDD) technique. The application uses the Google Calendar API to fetch upcoming events.

### Key Features

As a user...

- ... I should be able to filter events by city to see particular events in my location and see a shorter list, making it easier to browse location-based events.
- ... I want to be able to view and hide event details so that I can quickly scan through events and get more information for the events that I'm interested in.
- ... I want to be able to control the number of events displayed so that I can customize my viewing experience based on my preferences and device capabilities.
- ... I want to be able to access event information even when I'm offline, so that I can view event details without an internet connection.
- ... I want to be able to add a shortcut to the events app on my device's home screen for quick and easy access.
- ... I want to see visual representations of event data to quickly understand trends and make informed decisions about which events to attend.

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**1. What was your role in this project, and what tasks did you face?**

- FrontEnd Developer building an SPA, setting up serverless function with AWS and connecting to the Google Calendar API. Also setting up the app as a PWA.

**2. What decisions did you take and why? What were the consequences?**

- Built a logo for it and played around with versions, format and sizing of it for the ways that the icons have to be set up for the PWA. Was interesting to see all the different sizes that are needed. Will be a great lesson for future PWAs to build.

**3. If you could, what would you do differently?**

- It would have been great if the type of events per city were different, as this would show a more diverse diagram when a city is entered.

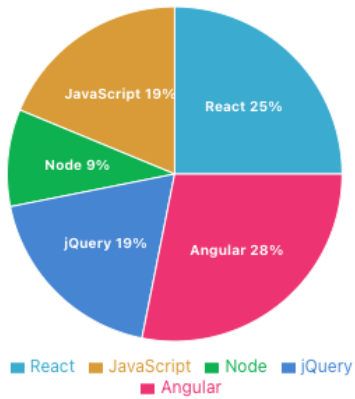
**4. What lessons did you learn during this project?**

- Setting up an app via the 'testing first' approach is super valuable as you need less time building it in the end.
- I came to appreciate the Gherkin method to really map out functionalities of an app to minor steps.
- Before really thinking about the app itself, it is super important to note down all user stories, interaction and purposes first, to make the most out of a product.

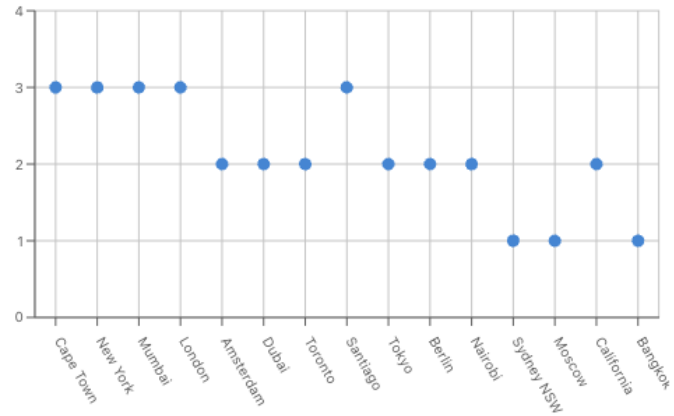


# of Events:

### Event genres



### # of Events per city



### Events in All cities

#### AngularJS Workshop

Cape Town, South Africa

Fri, 18 Oct 2024 14:00:00 GMT

[show details](#)