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**CSC 436**

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**Milestone 4**

**GitHub Source Code:** [**https://github.com/jav-1186/bookApp**](https://github.com/jav-1186/bookApp)

**GitHub Page:** [**https://jav-1186.github.io/bookApp/home**](https://jav-1186.github.io/bookApp/home)

**Overview and Changes:**

The web application has now integrated the Google Books API service and has three different API calls. A web service component was created and handles all of the API calls. We had to get a Google API Key and register it with the Book API. This is used to authenticate with the server and is appended to the URL.

The three API calls are for:

* ISBN
* Book Title
* Book Subject

We also were able to get Firebase integrated and some basic authentication in place. A user can login with google credentials and utilize the application.

Within the structure of the code, we separated the search and login functionality into their own components. This made the code cleaner and easier to manipulate those specific functions. We also changed how bootstrap and jQuery were being used within the application. Previously we were calling them from the application through links in the index.html file, but we have now installed the tools locally. This was done because it fixed certain bootstrap problems we were having.

Besides this, we read documentations for API, and updated current components to improve user experience.

From here we need to finish the firebase implementation and fine tune some of the functionality. The majority of it is in place and we feel good about completing everything on time.