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411 Project

1. Project Description:

Our project is a website for our school club Japanese Student Union. It will have a user-friendly interface with information about upcoming events for members. We will use the Eventbrite API to grab the address of an upcoming JSA event and then use the Google Maps API to give the user directions to the event, and use Google Calendar to add it to their Google Calendar as an event. We will use MongoDB to keep track of the user accounts and give special privileges to those on eboard such as the ability to edit event info (Eventbrite API).

2. Goal: Create an intuitive website to give users directions to our next upcoming event
   Non-goal: When events are edited in Eventbrite Google Calendar automatically updates

   Non-functional Requirement: Security
   1. User Google Oath to sign into Google account
   2. Store any API keys in git ignore

   Non-function Requirement: Expandability
   1. Use component/modular architecture
   2. Use APIs for data access

3. Product Management:

Theme: Assist the user by showing them directions to next event and adding to to their Google Calendar

Epic: website Beta

User Story 1: Feel safe using Google Account on an external website

Task: Ensure that Google API is secure

Ticket 1: Implement Google Oath to website

Ticket 2: Ensure API key is stored in git ignore

Make sure that API key is not exposed to pubic. I.e. not visible on github repo or accessable through backdoor.

User Story 2: As a admin user I want to be able to edit content easily

Task: Ensure admin edit is easy and reliable

Ticket 1: Implement MongoDB database to give admin access to certain users (eboard)

Ticket 2: Ensure component/modular architecture it used for future additions

Ensure code is commented and easy to follow so even someone who does not code can understand it

Choose/implement user friendly framework such as bootstrap to ensure visual ease