Software Developer Intern Assignment
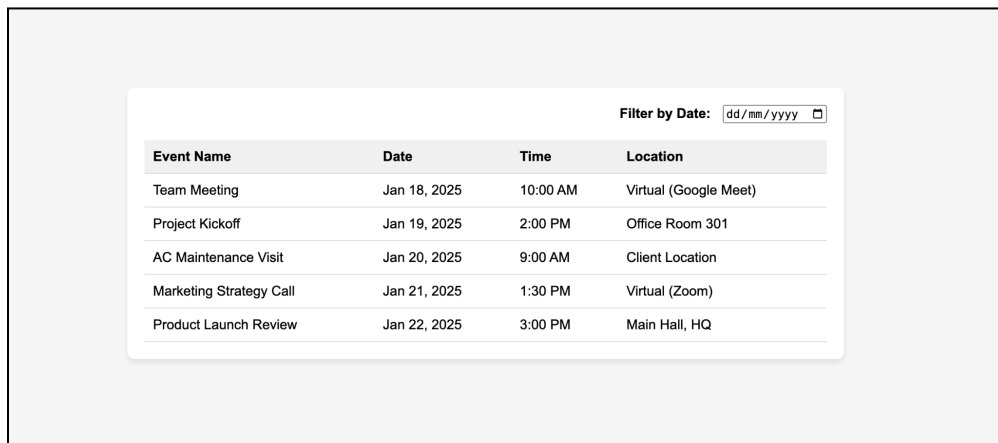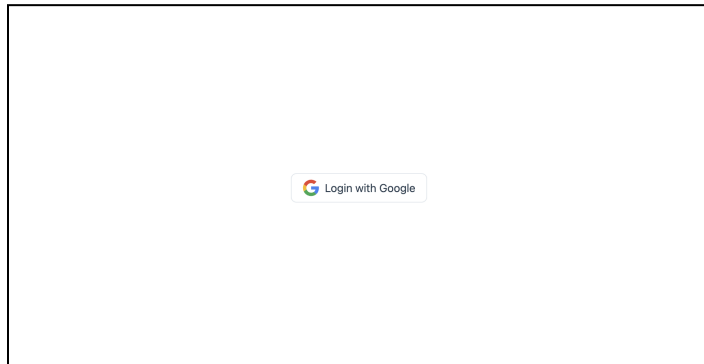
Assignment Overview

As part of the recruitment process for the Software Developer Intern role, you will be tasked with building a simple web application that demonstrates your backend, frontend, API integration skills, attention to detail, UI/UX design, and code quality. This assignment is open-ended, allowing you the flexibility to define requirements, design the UI, and choose the tech stack.

Assignment Details

You are required to build a web page with the following functionality:

1. SSO Login with Google:
   - Implement a secure Single Sign-On (SSO) login using Google.
2. Display Google Calendar Events:
   - After login, fetch and display all Google Calendar events for the user.
   - The events should be listed in a table format with the most recent events displayed at the top.
3. Filter Functionality:
   - Add a filter to allow users to filter events by date.
4. Additional Considerations:
   - Candidates can refine the requirements or add additional features to improve the usability of the app.
   - Use your creativity to design the UI, focusing on providing a great user experience.

Sample Mockup designs

Key Evaluation Criteria

Your solution will be evaluated based on the following:

- Tech Stack and Design Choices:
  - Justify the tech stack and design decisions you made.
- Code Quality:
  - Write clean, maintainable, and well-documented code.
- UI/UX Design:
  - Design a user-friendly interface that enhances the usability of the application.
- Attention to Detail:
  - Ensure the application meets the requirements and functions as intended.
- Functionality:
  - Test and verify that all features, including Google SSO and calendar event listing, work correctly.

Additional Guidelines

- You are free to define your own UI and additional requirements as you see fit.
- Feel free to add enhancements or additional features to showcase your skills.

Submission Instructions

1. Tech Stack: You are free to choose your own tech stack.
2. Cloud Deployment: At the end of development, deploy the application to any cloud environment of your choice (e.g., AWS, Google Cloud, Azure, Vercel, Netlify).
3. GitHub Repository: Create a GitHub repository for your project. Ensure your code is well-structured and includes a clear README file with instructions on how to set up and run the project locally.
4. Email Submission:
   - Once your Pull Request (PR) is ready, share the GitHub repository link via email.
   - Use the subject: `Assignment Whitecarrot Intern - 2025`.

Timeline

You have 5 days to complete the assignment from the time it is assigned.

Good luck, and we look forward to seeing your creative solutions!