



Social Calendar Report

Group 4



David Asatryan
Jeremy Bui
Jaejin Cha
Cade Hanath-Culp

<https://github.com/jeremy-bui/Social-Calendar>



Project Description

Our web application is a “social calendar”. We allow users to log in, create events with other people, as well as create comments and reminders which can be seen by others. This will allow users of the app to easily announce what they are up to to their peers. Other users can react to events and reminders with likes/dislikes. Our users also have the ability to comment on other people’s events. The admin is able to moderate and update all posts in order to ensure that the platform stays civil and safe.

Changes to the project design

From the beginning, we fully planned our project carefully in the beginning to reduce the possibility of any kind of changes or obstacles faced while creating the actual product. Fortunately for us, due to our well thought out design, we did not reach any changes within our ERD or normalization portions of the project. Some of the group members helped others with different tasks to help finish their tasks as efficiently and quickly as possible which could be considered a change, but other than that, each group member was able to complete their portion of the project and we were able to maintain a consistency in the initial wireframe to our final product.

Project Files

Server.js - backend portion of the project done by each member of the project (each member worked on their assigned portion, ex: David Asatryan did the users functionality, Jaejin Cha did the events functionality, Jeremy Bui did the comments functionality, Cade Hanath-Culp did the reminders functionality).

310project.sql database portion was created through XAMPP with all group members working on the database (David helped Cade with the user/person table, Jaejin created the events table, Jeremy created the comments table, and Cade created the reminder, user, and attending data tables).

In the frontend folder/src, David worked heavily on each of the files in order to make sure they were all accurate, but each group member was responsible for coding a majority of the code associated with their functionality:

- David did all of the changeUsername.js, createNewUsername.js, LoginPage.js, EventDetails.js, ReminderItem.js, and TimelineItem.js
- Jaejin did the CreateEvent.js, EditEvent.js, and EventPage.js
- Jeremy did the MainPage.js, TimelinePage.js, and EventDetails.js
- Cade did the CreateReminder.js and EditReminder.js



Functionality Completion

David was in charge of completing a majority of the frontend development for the project as he has had previous experience working as a frontend developer. He was also responsible for completing the first functionality which included essentially the login/account creation portion of the project. It was important for David to ensure that each user had a username, password, first and last name, and creation date associated with each user.

This leaves David's contribution to:

- Major frontend development
- Creating the backend ability to update/delete/insert a user
- Creating the admin function of deleting/updating any event

Jeremy was in charge of completing the fourth functionality of the project which was associated with the comments and reactions to events. He was responsible for creating the working comments and reactions parts of every event on the product. It was important to Jeremy to also attach the actual comment, who wrote the comment, time the comment was written, and ensure the comment was on the associated post.

This leaves Jeremy's contribution to:

- Creating the comments data table
- Creating the backend ability to update/delete/insert a comment on each event
- Creating the backend ability to update/delete/insert a reaction/status to anyone's event

Jaejin was in charge of completing the second functionality of the project which was associated with creating the actual main events people are able to see immediately after logging into the social calendar. He was responsible for creating the viewable events for each user to see. It was important for Jaejin to also attach the title of the event, date and time of the event, name of the user that posted the event, where the event was happening, and a general description of the event.

This leaves Jaejin's contribution to:

- Creating the backend ability to insert an event for the general users
- Creating the events data table
- Helping with creating the frontend portion of the main timeline/events page each user and admin can see

Cade was in charge of completing the third functionality of the project which was associated with creating the reminders for users to be able to set a reminder on events they wanted to attend in order to keep track of what they would be doing on future days. He was responsible for creating the viewable reminders that the user can look at as well as create for any event they choose. It was



important for Cade to also attach the name of the event they were going to, the reminder title the user provides, as well as the reminder description that the user provides for each reminder.

This leaves Cade's contribution to:

- Creating the backend ability to update/delete/insert a reminder for any event
- Creating the reminder, user, and attending data tables
- Helping with creating the frontend portion of the reminders view for each event for each user and admin