Team Name: Irrational Grunting (IGRU)

Team Number: 103-5

Team Members:

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Project Features List

1. Calendar View
    a. A grid view of all of the events that can be viewed at a week at a time. These events will be chronologically placed in the grid based on time and date.
2. Add Event button
    a. Button for the user to add an event, opens a new page for the user to enter information about their event including: name, time, date, location, description, etc. and then adds the event to the calendar
3. Event descriptions/links to websites
    a. Every event will be able to be clicked to display more information about it past the simplified information that can be seen from the searching screen
4. Login
    a. A user login page asking for a username and password in order for a user to log into their account
5. Saved events
    a. A button to save events to be viewed later by the user
6. Notification bell
    a. When someone saves events they will be notified via email about the upcoming event.
7. Search Bar
    a. There will be a bar at the top of the page that allows the user to search for certain events by keyword or by name. It will search while the user is typing, and display the related events below the search bar

Requirements

- Document the key FUNCTIONAL and NON-FUNCTIONAL requirements for a minimum of SIX features.
- Follow one of the formats/templates provided in class.
- Your application will likely have many more features, and you should create requirements documents for all the features.
- But for this milestone, you need only turn in SIX requirements documents.

1. Calendar View
   a. Only users who are logged in can see the main calendar page view
   b. Calendar grid will be sorted by date and time
   c. The calendar view will be scrollable (or arrow keys) to scroll through days and weeks to see future events
   d. Calendar grid items will contain a title and time of the event
2. Add Event button
   a. Only users who are logged in may add events to the calendar
   b. Added events will update immediately after they are added
   c. If the user lists it as a private event, only invited users may view the event
3. Event descriptions/links to websites
   a. Descriptions/locations should display when the event is clicked by the user
   b. Descriptions will be modifiable by the user who created them
   c. Links will open in a new tab
4. Login
   a. Be able to either login or create an account
   b. Login information should be stored in a secure fashion server side.
   c. Users will be stored in a database.
   d. Passwords will not be stored as plaintext.
5. Saved events
   a. Events will be saved in a separate location for the user to view

    b. The creator of the event will be notified of how many times an event is saved

    c. Events will be saved by clicking a single button

6. Notification bell

    a. Users can choose to have notifications on for a certain event

    b. If the user wants notifications, they will receive emails when the event is coming up

        i. one week out, one day out, etc

    c. User will have the option of receiving text notifications by entering their phone number when prompted

7. Search Bar

    a. The results of the search should be updated as the user types.

    b. All related events should be sorted and displayed in order.

    c. Specific results can be filtered in/out based on user preferences.

Project Plan

GANTT Chart Link:

https://docs.google.com/spreadsheets/d/1wzKvUnQssgyPdA84xaKKnK1JEXx-KqKMd5fW-2av DOY/edit?usp=sharing (link sharing for all users at CU Boulder)