Day Planner Software

Primary Objectives

The primary objective of this software, which will come in the form of a web application should allow each user to create a plan for their day. This plan includes viewing calendar events from their external google calendar, adding a todo items for their daily list, and setting reminders.

Home Page (Dashboard)

Requirements

- View a list of dates
- The current date should be bold
- Each date in the list is a link to the individual details for that day

Scope of Work

- **View a list of dates**
  - The home page will contain a list of dates
  - *Alternatively* we could have the home page be a calendar of the current month, with the ability to navigate to the last month or the next month.
- **The current date should be bold**
  - Make the current day bold or highlighted in some way to make the current date stand out in the list
  - Make the current date text say "Today" instead of the full date like, "September 21, 2019"
- **Each date in the list is a link to the individual details for that day**
  - Create a link for each day in the list

Individual Day Details Page

Requirements

- View calendar events from google calendar
- View todo items
- Add todo items
- Edit todo items
- Delete todo items
- View reminder events
- Add a reminder event
- Delete a reminder event

Scope of Work

- **View calendar events from google calendar**
  - Configure app to use google api
  - Query the google api and fetch calendar events that exist for the date
  - Capture the calendar event(s) and render them on the page with details
- **View todo items**
  - View list of items in a todo list we got from a database
  - Each list item should have a checkbox associated with it's completion status
  - Each list item should have a description of what that todo is describing as well as a timestamp
- **Add todo items**
  - Create form to fill out the details for a todo item
  - Add button to submit the new item
  - Upon submission, the todo list should be updated with the new item and saved to the database
- **Edit todo items**
  - Each todo item should have an edit button associated to it
  - When the edit button is clicked an "edit" form opens up
  - When the user submits the updated details for the item, we update it in the database
- **Delete todo items**
  - Each todo item should have a delete button associated with it
  - When the delete button is clicked, we remove that item from the database

- ○ When the item is deleted, we remove it from the list of todo items that we view on the screen
- **View reminder events**
  - ○ View list of reminders for the day
  - ○ Each reminder should have the time of the reminder, and the details of the reminder
  - ○ When a user is using the application, and a reminder event is triggered, the user should get an alert of some sort in their browser window
  - ○ The user should see an alert even if they are not on the date of that particular reminder event
- **Add a reminder event**
  - ○ Create a form for adding a reminder event
  - ○ We should collect the time we want our future reminder and the details of this event.
  - ○ We can store this reminder in a database.
- **Delete a reminder event**
  - ○ Each reminder event should have the ability to delete, with a delete button.