

# Your Task

Create a simple calendar application that allows a user to save events for each hour of the day. This app will run in the browser and feature dynamically updated HTML and CSS powered by jQuery.

The starter code uses the **Moment.js** library to work with date and time, but feel free to use a different JavaScript solution to handle this functionality since Moment.js is considered a "legacy" project. Learn more about some alternative solutions in the **Moment.js project status page**.

Before you start, clone the **starter code** .

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# User Story

AS AN employee with a busy schedule  
I WANT to add important events to a daily planner  
SO THAT I can manage my time effectively

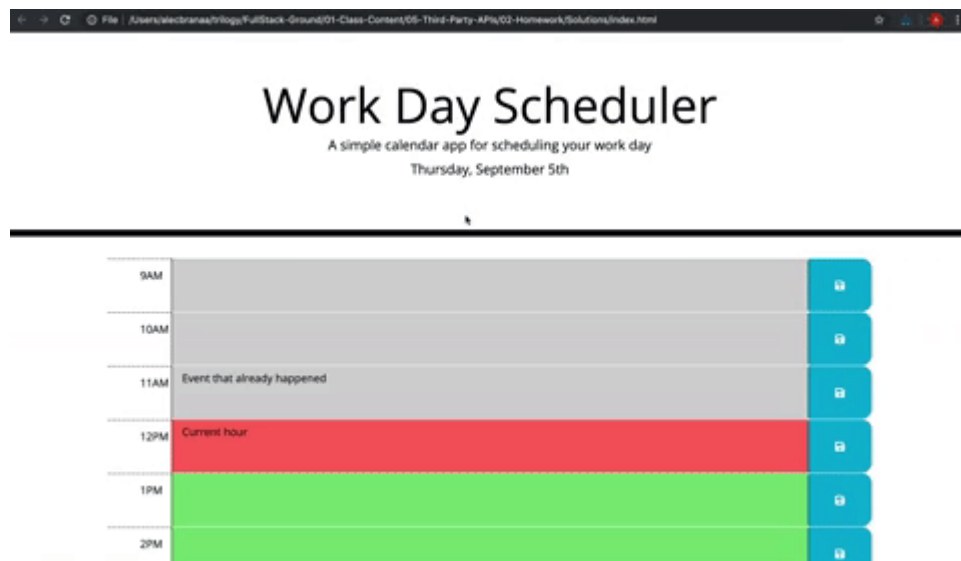
# Acceptance Criteria

GIVEN I am using a daily planner to create a schedule  
WHEN I open the planner  
THEN the current day is displayed at the top of the calendar  
WHEN I scroll down  
THEN I am presented with time blocks for standard business hours  
WHEN I view the time blocks for that day  
THEN each time block is color-coded to indicate whether it is in the past, present, or future  
WHEN I click into a time block

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THEN I can enter an event
WHEN I click the save button for that time block
THEN the text for that event is saved in local storage
WHEN I refresh the page
THEN the saved events persist
```

## Mock-Up

The following animation demonstrates the application functionality:



## Grading Requirements

This challenge is graded based on the following criteria:

### Technical Acceptance Criteria: 40%

- Satisfies all of the above acceptance criteria plus the following:
  - Uses the Moment.js library to work with date and time

## **Deployment: 32%**

- Application deployed at live URL
- Application loads with no errors
- Application GitHub URL submitted
- GitHub repo contains application code

## **Application Quality: 15%**

- Application user experience is intuitive and easy to navigate
- Application user interface style is clean and polished
- Application resembles the mock-up functionality provided in the Challenge instructions

## **Repository Quality: 13%**

- Repository has a unique name
- Repository follows best practices for file structure and naming conventions
- Repository follows best practices for class/id naming conventions, indentation, quality comments, etc.
- Repository contains multiple descriptive commit messages
- Repository contains quality README file with description, screenshot, and link to deployed application

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# How to Submit the Challenge

You are required to submit BOTH of the following for review:

- The URL of the functional, deployed application.
- The URL of the GitHub repository. Give the repository a unique name and include a README describing the project.

## NOTE

You are allowed to miss up to two Challenge assignments and still earn your certificate. If you complete all Challenge assignments, your lowest two grades will be dropped. If you wish to skip this assignment, you may move on to the next module.

Comments are disabled for graded submissions in Boot