

Requirements

Modify a solution (either yours or the instructors) to Assignment 04 to change it to use the supplied Web API for signing in and for storing time log entries.

1. Retain all features from Assignments 04, unless this document instructs you to change.
2. Change the logic that signs in an employee to use the supplied web API.
3. Change the logic that retrieves entries to use the supplied web API.
4. Change the logic that sorts entries using local JavaScript functions to instead instruct the supplied web API to do the sorting for the app.
5. The web API will return errors for invalid parameters, incorrect sign in credentials, and when too many entries will be retrieved with the supplied parameters. When any error occurs connecting with the server or from the Web APIs, show the error message in the SPA alert modal.
6. Use either the XMLHttpRequest or *fetch* for your http GET and POST requests.
7. Remove from the app all traces (source code and comments) of storing entries in local storage.
8. All other application state information (anything except the entries) should remain stored in local storage.
9. Remove the features that allow an entry to be added or deleted, but do keep the Edit modal so the details of an entry can be seen in that modal.
10. You may not use any third-party code or regular expressions when completing this assignment.

Web API

Url = `https://cs390-hw5.herokuapp.com/`

Endpoints:

`/ping?name=name` (GET)

returns "Hello *name*"

`/auth/login` (POST)

Request body

```
{ employeeID: val, password: val }
```

`/timelogs` (GET)

Querystring Parameters

`descContains` (string)

`forEmployeeID` (employee ID, string)

`dateFrom` (date)

`dateTo` (date)

`sortBy` (column)

orderBy (asc,desc)

example calls:

```
https://cs390-hw5.herokuapp.com/ping?name=Kyle
```

```
https://cs390-hw5.herokuapp.com/auth/login
```

```
Request Body: { employeeID: Kyle, password: cs390 }
```

```
https://cs390-hw5.herokuapp.com/timelogs?descContains=apple
```

Due Date

Submit your HTML and JavaScript file using Vocareum before Tuesday, October 17th, 11:00 pm.

Scoring

Max Points	Requirement
5	Correct file submission, Assignment 04 requirements, coding style and readability, etc.
5	Correct use of API for Sign In
15	Correct use of API for retrieving and sorting entries
10	Correct handling of server and web API errors
35	Total