

FINAL PROJECT

JAVASCRIPT FOUNDATIONS CERTIFICATION

Create a web application that allows users to create and organize their personal events. The application should have the following features:

- 1) A form for adding new events, with fields for the event name, date, time, location, and notes.
- 2) The ability to view, edit and delete existing events.
- 3) Use of LocalStorage or IndexedDB to save the events, so that the events are not lost when the user closes the browser or refreshes the page.
- 4) Use of JSON format to store and retrieve the events.
- 5) Use Leaflet.js (<https://leafletjs.com/>) to show the location of events on a map. Start by reviewing the Leaflet Quickstart Guide at <https://leafletjs.com/examples/quick-start/>
- 6) The ability to search for events by name, date, and location.
- 7) Use of responsive design to make the application accessible on various screen sizes.
- 8) A share feature that will allow the user to share the event details via email, message or social media.

Technical requirements:

- Use of JavaScript and the DOM to create and manipulate the elements of the application.
- Use of JSON to store and retrieve the events data.
- Use of LocalStorage or IndexedDB to save the events data.
- Use of a publicly available API to obtain location information and display it on a map.
- Use of Responsive design and CSS Flexbox, Grid or Bootstrap to make the application accessible on various screen sizes.
- Use of Events listeners for handling user interactions
- Proper error handling mechanism

SUBMITTING EXERCISES

To earn certification all exercises must be submitted and accepted.

1) When you've completed all of the HTML exercises, please zip them into a single file and submit to our Dropbox at <http://bit.ly/CWDP2324>.

2) Next, fill out the certification completion form at <https://forms.gle/5EiUGCM6dGdIF2Py6>.

Remember, that all of your exercises for each module should be included in a separate zip file.

GETTING HELP

We always want to ensure that your questions are answered. There are a number of ways to get in touch.

1) We operate a lively Discord server. Join us at <https://discord.gg/tgxX2fCrv5> and you can ask your question on Discord. Mark and our team of instructional assistants monitor this Discord and answer questions ASAP.

2) This certification program is offered on several platforms. Most platforms have a Q & A section where you can post questions. We monitor these and respond as quickly as we can.

3) You may use our question hotline email at questions@dollardesignschool.com.

Remember to always to include which section your question is from and send any code you're working on!

