

[Mentor-review](#)[React](#)[Gitflow](#)

Brewery Finder

! You need to submit the project for review

Congratulations on finishing Module 4! In this document, you will find a detailed description of your individual project. Please read it carefully.

Deadline

We don't have a strict deadline, but we recommend completing the project in 2 weeks.

Prerequisites

To participate in the project, you must have completed all the lessons in modules 1 to 5. This means mentors should have approved all your home assignments.

Goal

Imagine you are now a developer of a web solutions company. As your first project, your client wants you to develop a web application that helps users find brewery locations in their city.

This web app should have precise mapping and a wishlist that allows users to save breweries for later. It should also be integrated with Gitflow so it is easier to manage in the future.

The client has a tight budget and doesn't have a designer. So the design is up to you.



If you want to make your design look good, don't copy someone else's design, as it's illegal. However, we encourage getting inspiration on layouts and color palettes from these websites:

[Eco Eyewear International](#)

[Ezpz Dishware](#)

[Golden Krust Restaurant](#)



Mentors will focus on the functionality, not on the design. The functionality should match the task exactly, and a nice design will be a bonus.

Requirements

The web application should contain three pages.

Breweries list: A list of breweries with the possibility to filter them.

Brewery details: This page is shown when a user clicks on a brewery on the breweries list page. On this page, there should be a map integrated with Google showing the brewery's location. It should be represented as a pinned location based on the latitude and longitude.

Wishlist: On the breweries list and brewery details pages, a user can add a brewery to their wishlist. The marked breweries should be shown on this page.

Instructions

Step 1: Prepare the environment

Initialize a new React app and create a public GitHub repository. Include the Gitflow structure in the project. Feel free to use any libraries, frameworks, and plugins you need.

Step 2: Install the API

Examine the open-source [API documentation](#).

Install the API for the mapping: @react-google-maps/api.

Step 3: Develop the app

Initialize Gitflow. It will help you manage the project in the future and prepare three versions of the app in this project.

Prepare version 1.0 with the following features:

- ☐ *brewery-list*, which shows breweries
- ☐ *search*, which filters the list depending on the keyword
- ☐ *initial-design*, which creates the initial web app design

Prepare version 1.1 with the following features:

- ☐ *view-brewery*, which shows the brewery details page
- ☐ *brewery-mapping*, which integrates Google Maps into the brewery details page
- ☐ *initial-design2*, which develops the web app design

Prepare version 1.2 with the following features:

- ☐ *wishlist*, which shows the wishlist page
- ☐ *wishlist-functionality*, which allows users to add a brewery to or remove it from the wishlist
- ☐ *final-design*, which finalizes the web app design

The final release version should be version 1.2. At this point, make sure the web app runs correctly. If there are problems with the release, create hotfixes.

Documents to Hand In

A Word document that contains:

- ☐ A link to a public GitHub repository containing the React app you developed
- ☐ A screenshot of your Git graph

Assessment Criteria

Criteria	Max. Points
Stack	
The Gitflow structure is included	1
Coding hygiene	
Correct HTTP methods for API calls are used	2
Correct hooks are used	2
Redux is used	1
Functions	
Google Maps API is integrated	2
The wishlist is present	3
The filter is present	3
Design	
The design looks nice and developed	1
Maximum Overall Grade	14

How to upload the project

Create a Word document, insert the link to your GitHub repository, and upload the file here.

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