

# Homework 5 ( HTTP + Modules): REST Client App

## Project Details:

Design your own REST Client App that uses some REST API. Your application must also use a module design pattern. You may either refactor your previous Browser app or make a new one!

**Need Ideas?** Here's a list of free REST APIs:

- <https://any-api.com/>
- <https://github.com/public-apis/public-apis>
- <https://apilist.fun/>
- <https://deckofcardsapi.com/>

## Required Features:

- Your app must use the Local Storage API to save user data.
- Your app must make HTTP fetch requests
- Your app must use the modules design pattern
- Your app must be linked to your portfolio page

## Bonus Features:

- Showcase bonus. You can receive up to 20 bonus points if your project is outstanding and novel. Please post into the SHOWCASE channel for eligibility.

## Learning Objectives:

- Proficiency with Asynchronous JavaScript and Fetch API.
- Practice at designing & implementing specifications of your own devising
- Practice implementing Browser apps using better software engineering practices
- Practice developing software designed to consume data from REST endpoints

## Resources:

You may use **Labs** as reference. However, your final submission must be of your own design!

## Showcases & Demos:

See Lab 7: Quiz Game.

## Grading Rubric

Part 1:	[ JavaScript ]	Novelty of App Design	[ 20% ]
Part 2:	[ JavaScript ]	HTTP Requests	[ 20% ]
Part 3:	[ JavaScript ]	Module Design Pattern	[ 20% ]
Part 4:	[ JavaScript ]	Data - local storage	[ 10% ]
Part 5:	[ CSS ]	Polished UI / UX	[ 20% ]
Part 6:	[ Submit ]	Organize & Publish Content	[ 10% ]
Part 7:	[ Bonus ]	Outstanding Submission;	[ 0-20% ]

## Submission:

1. Deploy your project & accompanying blog article to github pages & showcase them on your portfolio page. Your project should go into its own separate git repo different from your portfolio repo.
2. Submit a zipped copy of your project code to Moodle including a text file that contains your name, your project's github.io hyperlink, and a summary of features that you implemented.
3. Request a Project Audit