ISTE-340 Client Programming
Midterm Exam – Spring, 2021

Assignment

You are required to implement an object-oriented, MVC-based **Coffee Order App** using JavaScript. The app enables the user to add coffee items to an order list. The app also manages the local storage to persist user's additions.

You have been provided with a starter project that you need to finish using the model-view-controller architectural pattern, in an object-oriented way. The starter project contains following:

- **index.html** – home page that you are <u>not allowed to change</u>
- **css** – folder containing the web page style.css file you are <u>not allowed to change</u>
- **js** – folder where all your JS code should be found. This folder contains an empty **app.js** file.

Requirements

- [10 pts] The view class that represents the user interface is properly designed and implemented
- [10 pts] The model class that holds the app data is properly designed and implemented
- [10 pts] The controller class that responds to user interactions is properly designed and implemented.
- [10 pts] The order list is properly extended with user additions.
- [10 pts] On every user addition, the model is updated, and the model is saved to the browser's local storage.