***Shopping chart***

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1. **Introduction**

This proposal outlines a Node.js script that creates an HTTP server and exports a Cart constructor function. The script can be used to set up an HTTP server and handle incoming requests, as well as create and manage cart objects for an e-commerce application.

1. **Purpose**

The purpose of this script is to provide a means for setting up an HTTP server for handling incoming requests, and to provide a Cart constructor function for creating and managing cart objects for an e-commerce application.

1. **Functionality**

The script sets up an HTTP server using the built-in 'http' module, and listens on a specified port.

The script exports a Cart constructor function that can be used to create cart objects with properties for the items in the cart, the total number of items, and the total price.

The Cart object has methods for adding and removing items from the cart.

The script also includes error handling code to handle scenarios such as the port already being in use.

1. **Implementation**

The script will be implemented in Node.js, and will be integrated with the existing e-commerce application.

The script will be tested thoroughly to ensure that it is functioning as intended, and any necessary adjustments will be made.

1. **Technologies**

NodeJS, Express, Express-Session, Nodemon, hbs - Express.js view engine for handlebars.js .

1. **Conclusion**

This script provides a reliable and efficient means of setting up an HTTP server and handling requests, as well as creating and managing cart objects for an e-commerce application. Its implementation will significantly improve the functionality and user experience of the e-commerce application.