

## Project 2 Proposal

In this project, I'm going to do an e-commerce platform where users can do virtual shopping, browse inventory items from different stores, add items to shopping cart, check out and make payment.

Each user will be requested to create an account using email address. The platform will do registration and encryption for user information in the backend. It will assign users with authentication and authorization when login.

I'm planning now to build out a front-end platform where users can register/login/logout. After logging in successfully, users can browse items, add items to shopping cart, check out and make payment. Other technologies will probably be used in order to better host this online platform. Finally this project will be uploaded to GitHub.

## Project 2:

Objective
Create a web app that features: <ol style="list-style-type: none"><li>1. A blog or a product catalog with database integration</li><li>2. Login with authentication</li><li>3. User form to post data with validation</li><li>4. Responsive / Mobile platform target</li></ol>
Requirements
<ol style="list-style-type: none"><li>1. JavaScript ES6.</li><li>2. Express, MongoDB, and Mongoose.</li><li>3. SASS or LESS.</li><li>4. Secured with SSL. (auto implemented if on https)</li><li>5. Integrate VUE components, methods, events and lifecycle hooks. (optional)</li><li>6. Implement signup, login, logout with Authentication &amp; Authorization.</li><li>7. Session &amp; Cookies.</li><li>8. Unit testing</li><li>9. PWA.</li><li>10. Push project to GitHub.</li></ol>
Technologies
HTML5, CSS3, SASS/LESS, JavaScript ES6, jQuery, Ajax, Bootstrap 4, VUE, SSL, Authentication/Authorization, Session & Cookies, Unit Testing, PWA, GitHub
Submission
Post URL of GitHub project in the dropbox on Module 4 in GAP.
Due

At the end of Module 4 Week 4 Day 3