Team 7 Meeting 3 Deliverables

User Requirements

* Checkout Process - The “cart” will be displayed with item’s names and prices, a grand total, and a button to take them to a credit card processing form.
* Credit card processing page - The user will input info into text input form items and click a submit button, logic and regex will be used to verify
* Mobile Responsiveness- The user will be able to browse all products, when a user clicks on a project they will lead to an individually detailed product page.
* Login/signup and their corresponding pages - The website will be able to tell based on cookie sessions if a user has logged in previously and will not display login/signup buttons if a user is already present.
* Shipping status of an item- The user will be able to check on the estimated delivery date and status of their purchased item(s).

System Requirements

* Security Detail- The marketplace must be capable of preventing any outside digital attacks, such as hacks and DDoS attacks, using encryption for payments and secure database measures.
* System will use php logic and regex during credit card processing to determine if a valid credit card was entered
* Third-party integration with MySQL and mongoDB to store users, items, and the relationships between the two.
* Adding items to cart will be stored in local storage/cookies session, until the cookies session is expired and then items will have to be re-added to cart
* When a user enters login info, the database will verify if login info is correct.

Risk Analysis

* Lack of experience with React.js, SQL, etc. within the team - learning curves may cause delays - team member familiar with frameworks offer help and link resources that could aid, but proactive attempts will be most beneficial
* Troubleshooting may take up too much time due to multiple platforms, frameworks and APIs being integrated - if a team member gets stuck on a bug or issue, letting the whole team know ASAP will help solve issue faster with collaboration
* Lack of resources - Free tiers in cloud storage solutions could cause financial strain - team members need to keep their eyes on storage usage and if it gets close to the cap then more efficient practices for storage/data need to be put into use.