**TOOLS | CONCEPTS**

**FRONT END (REACT/NEXTJS)**

1. State Management
   1. Redux (most states)
   2. Context API – for some components where necessary
   3. useState – where required
2. Routing
   1. NextJS
3. sideEffects
   1. useEffect
4. Testing
   1. Jest
5. API Requests
   1. Fetch API
   2. Axios

**BACK END (NODEJS/NESTJS)**

1. Authentication
   1. JSON Web Tokens
   2. OAuth
2. Database
   1. Postgres
3. Logging
   1. Morgan
4. Testing
   1. Jest
5. Security
   1. Helmet
6. RESTful APIs
   1. Express.js
7. Error Handling
   1. Custome Error Handling Middleware
8. Documentation NestJS Swagger

**PRODUCT STRUCTURE**

1. Product id,
2. Category
3. Name
4. Description
5. Price
6. Quantity Available
7. Image

THINGS TO WORK ON TOMMORROW

1. Dark/Light Mode
2. Other pages