

Report for Week-3 (2/1/23)

Team Name: Gladiators

Project Title: E-commerce Website

Team Lead: Shivani Asokumar

Next Team Lead: Mit Jain

Team Members: Shivani Asokumar, Akash Narang, Mit Jain, Juhi Malkani

Technology Tools: MERN Stack

Member roles for the semester

Shivani: Frontend

Mit: Mostly working on Backend but also helping with Frontend

Akash: Backend

Juhi: Frontend

Progress Update on Week 3:

- **All of us:**
 - Collaborated on team report and project description
- **Akash:**
 - Designed the database tables and entity relation model for the project.
 - Got acquainted with basic nodejs, express.js
- **Juhi:**
 - Got acquainted with basic react.js
 - Finalized design templates and decided to go with self-designing of few pages
- **Shivani:**
 - Integrated the Bootstrap template in React
 - Designed the folder structure in the project directory
- **Mit:**
 - Designed the database tables and entity relation model for the project.
 - Setting up the folder structure for frontend development
 - Finished learning express.js, MongoDB and node.js

Job Assignments for Week 4:

Akash - Understanding integration of MongoDB with Node.js, Make API end-point list (not exhaustive), Implement CRUD operations for Product listing page.

Juhi - Continue learning React.js, integrate bootstrap templates and start adding functionalities to them

Shivani - Complete integration of bootstrap template, start adding functionalities (Add to Cart)

Mit - Make API end-point list (not exhaustive), Implement CRUD operations for Product listing page, design JSON schema for APIs designed for Product Listing page

Milestones for Week 4 (12/2-18/2)

- UI Cutting
- Design components needed for the project
- Basic CRUD model for product listing page.
- Populated DB for product listing page.
- Host APIs created for product listing on AWS

Week 4 Deliverables:

- Complete integration of bootstrap template
- Separate components for different parts of the UI
- A list of API endpoints and implementation of CRUD operations for Product Listing page
- Design of JSON schemas for APIs designed for Product Listing Page
- More functionality of the website

Future Milestones

Week 5 (20 Feb - 26 Feb):

- Backend: Implement APIs for Home Page, enhance API to accommodate advanced features like product filtering
- Frontend: Home Page, Product Listing Page, filtering

Week 6 (27 Feb - 05 Mar):

- Backend: Implement APIs for the Individual Product page and Wishlist.
- Frontend: Individual Product Page, Wishlist

Week 7 (06 Mar - 12 Mar):

- Backend: Implement APIs for Shopping Cart.
- Frontend: Shopping Cart

Week 8 (13 Mar - 19 Mar):

- Backend: Implement APIs for the user order management section.
- Frontend: Order summary/status, order complete page

Week 9 (19 Mar - 26 Mar):

- Backend: Implement APIs for specific product listing pages - Men/Women section.
- Frontend: Men/Women sections

Week 10 (27 Mar - 02 Apr):

- Backend: Implement authentication and authorization module.
- Frontend: Login/Sign up page, About, Contact

Week 11 (03 Apr- 09 Apr):

- Backend: Implement APIs Seller module: Product inventory management.

- Frontend: Basic pages for Seller

Week 12 (10 Apr - 16 Apr):

- Backend: Implement APIs for the user account management section.
- Frontend: Account management

Week 13 (17 Apr - 23 Apr):

- Backend: Implement APIs for Ratings and review modules.
- Frontend: Rating and reviewing product (Offers page)

Week 14 (24 Apr - 30 Apr):

- Prototyping, reviewing website
- Planning further milestones for the future scope of the project based on progress.

Feedback From Partner Team:

- Any points misrepresented by partner team? None, the partner team presented everything accurately
- Suggestions for team Gladiators
 - Filters may be a problem if product selection isn't large enough
 - Connect to Paypal / Google API

GitHub repositories:

[E-commerce](#)