

Report for Week-4 (2/20/23)

Team Name: Gladiators

Project Title: E-commerce Website

Team Lead: Mit Jain

Next Team Lead: Juhi Malkani

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

Job assignment for Week 5

Shivani: Frontend

- Work on Product Listing Page

Mit: Mostly working on Backend but also helping with Frontend

- Finish product listing page API
- Implement Wishlist API.

Akash: Backend

- Finish product listing page API
- Implement Individual Product page API.

Juhi: Frontend

- Integrating the API of product listing to create product card component
- Create the product listing page from templates based on product card component
- Host the frontend code to the AWS EC2.

Future Milestones

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.

Technology/Tools used:

- MERN stack
- AWS EC2 - for hosting the backend server
- MongoDB Atlas cloud - for hosting MongoDB
- GitHub - for hosting source code

GitHub updates since the previous week (since week 3)

- Integrated Bootstrap template pages in React
- UI cutting of components in the template. Moved them to separate Components folder
- Used React Router for easy navigation between pages
- Added MongoDB models
- Created a simple API to test DB connection
- Hosted backend server on AWS EC2
- Hosted MongoDB on cloud using MongoDB Atlas

Updates on team milestones set 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

Milestone	Progress update
Start UI Cutting	Done
Design components needed for the project	Done
Basic CRUD model for product listing page	In progress, to be continued as part of next

	milestone.
Populated DB for product listing page	In progress, to be continued as part of next milestone.
Host APIs created for product listing on AWS	Done

Blockers:

- Conceptually designing a MongoDB database had a bigger learning curve than expected. (Coming from RDBMS background)
- While creating CRUD API we realized that the MongoDB models need to be updated and hence had to update DB design.

Conclusion from weekly group meeting:

Meeting schedule:

- 11:00 AM every Sunday. Location: Google Meet
- Wednesday evening Google Meet/In-Person

Slides

[Galdiators Week 4 ppt](#)

GitHub repositories:

[E-commerce](#)