



E-COMMERCE WEBSITE

Made by: Omar Mahmood,
MD Fahad and Afroz Aman

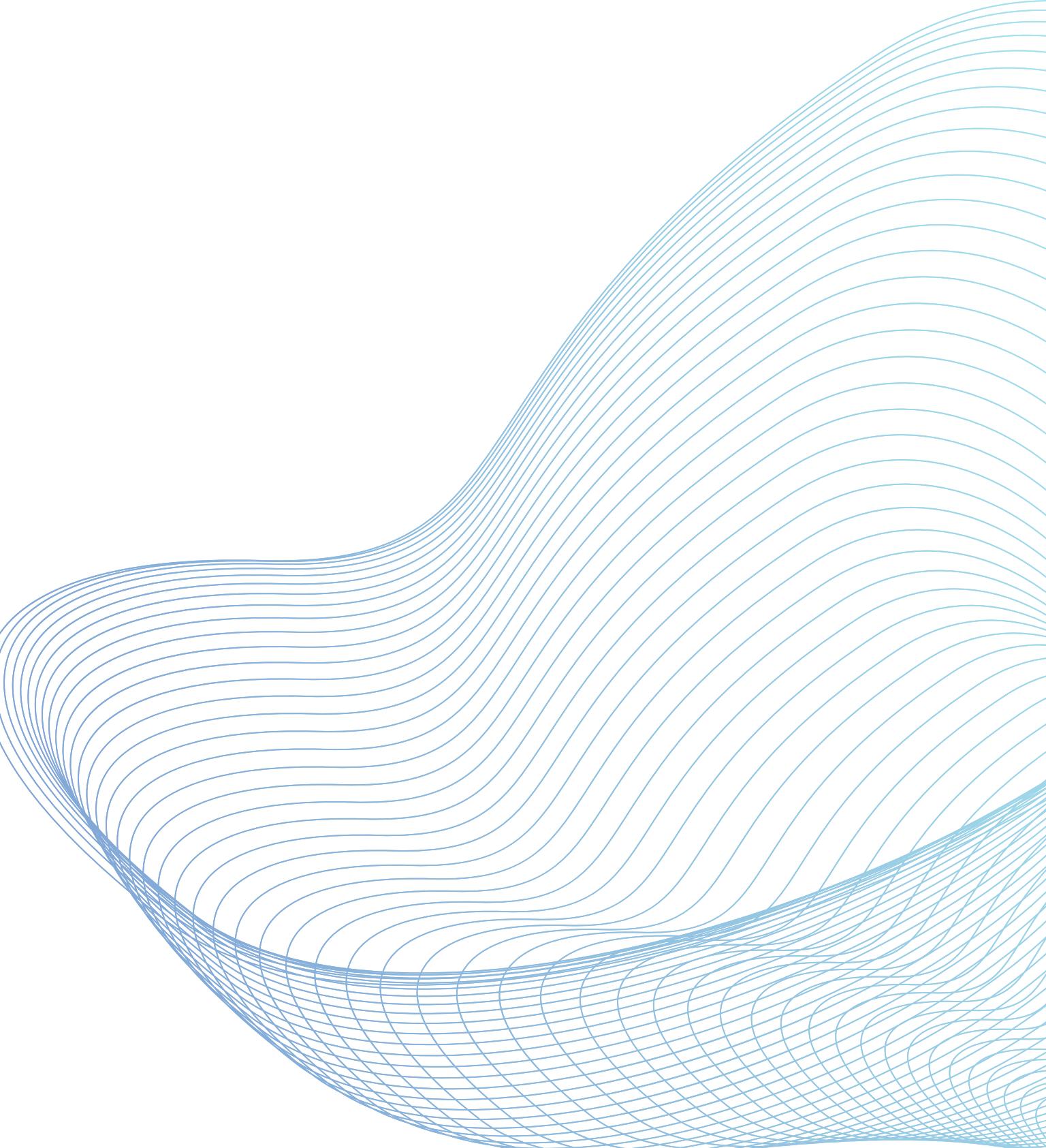


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WHAT WE'RE MAKING

- Our team is responsible for coding out the entire architecture of an e-commerce website.
- Our website is named **checkout**. Here anyone can add a request to the checkout admin to become a seller and sell products with ease.
- Becoming a customer is even easier, all you have to do is register with your basic details and you'll be a member in seconds.



GROUP MEMBERS

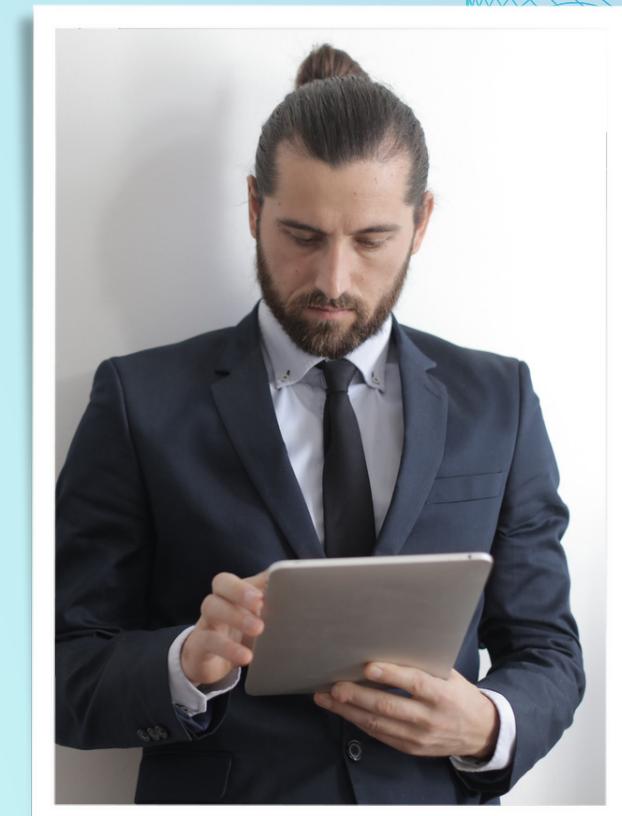
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OMAR MAHMOOD
BACKEND ENGINEER



MD FAHAD
FRONTEND ENGINEER



AFROZ AMAN
QUALITY ASSURANCE

ROLES OF EACH MEMBER

OMAR

FAHAD

AFROZ

Omar Mahmood (Backend) is in charge of connecting the frontend pages to the server and creating all the required features mainly using JS.

MD Fahad (Frontend) is responsible for coding out responsive HTML webpages with the help of HTML, CSS, JS, Bootstrap and React.js

Afroz Aman (QA) is responsible for testing out the features and pages and find and report the bugs and inconsistencies found.

TOOLS WE'RE USING TO ACHIEVE OUR GOALS



MERN STACK

We used a MERN stack to create our entire architecture as it allows us to easily construct a three-tier architecture (front end, back end, database) entirely using JavaScript and JSON.



MERN BREAKDOWN

MongoDB

If our application stores any data (user profiles, products, reviews, etc.), then we need a database. This is where MongoDB comes in.

Node.js

Node.js provides a JavaScript Environment which allows the user to run their code on the server (outside the browser).

Express.js

Express is a Node.js framework. Rather than writing the code using Node.js and creating loads of Node modules, Express makes it simpler and easier to write the back-end code.

React.js

React is a JavaScript library that is used for building user interfaces. React is used for the development of single-page applications and mobile applications because of its ability to handle rapidly changing data.



SITE FEATURES

THREE LEVELS

User Authentication is a process that verifies a person's identity allowing them access to an online service, connected device, or other resource. Authenticating users occurs differently across services as business logic and risk profiles at enterprises can vary markedly.

1 Seller

Seller has the permissions to add products, remove products, update the price of the product. Seller after successful authentication will be greeted with a dashboard indicating sales, profits, reviews and queries.

2 Customer

Customer after successful authentication can add items to cart and buy products, leave reviews, ask queries. Customers don't need any approval.

3 checkout Admin

Checkout Admin after successful authentication can remove products, ban sellers, approve sellers, remove queries and ban customers.

OUR GOALS

Convenience

Ecommerce websites allow customers to shop from anywhere at any time, eliminating the need to physically visit a store

Global reach

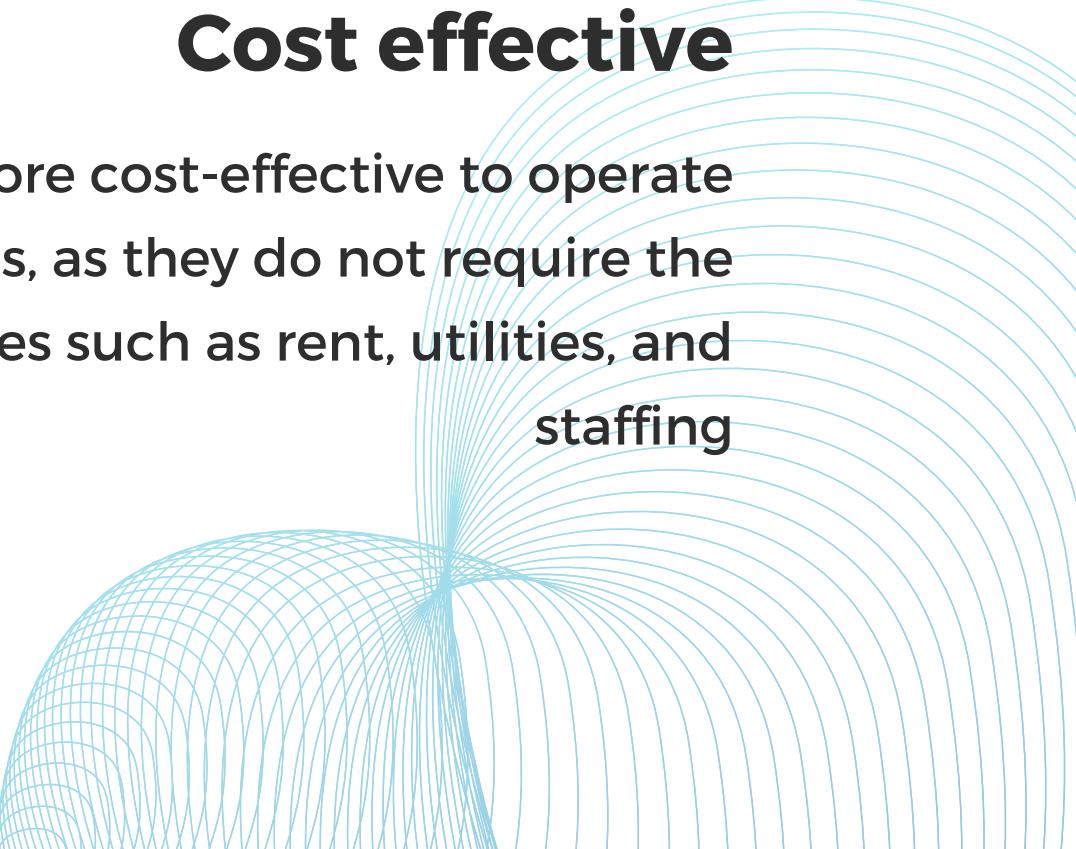
Online stores can sell to customers all over the world, which can help businesses expand their customer base and increase their revenue

Price comparison

Online shopping enables customers to easily compare prices from different retailers

Cost effective

Online stores are more cost-effective to operate than physical stores, as they do not require the same overhead expenses such as rent, utilities, and staffing



**LET'S
CONNECT
WITH US!**

connect@checkout.com

checkout.com

