



UE19CS204 – Web Technologies Mini Project

Project Title – Thrift Shop

Section - I

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GITHUB Link - <https://github.com/organisation-web-tech-project/thrift-shop>

Abstract

This website is a platform for users to buy and sell their used clothes. This leads to cheaper deals, while encouraging reusability of clothes, and being eco-friendly by reducing the amount of clothes throw away.

Further extension could be made to the platform by being an aggregator of small businesses looking to sell their art/products online as well.

The website was built using MERN stack as well as the technologies mentioned in the next slide.

Technologies Used

- MERN Stack – MongoDB, ExpressJS, ReactJS, NodeJS
- Dependencies: axios, react-file-base64, redux, bcrypt, mongoose, nodemon, passport
- Editing and collaborating: VSCode, GitHub
- Scalability (in the future): hosting backend on Heroku and frontend on netify

Member Contributions

- Vibha – Mongoose models for products and users, APIs for fetching/posting users, user authentication and password encryption, redux integration for products page, individual products page (UI and redux), add products form (UI, redux and API)
- Vishruth – Shopping cart functionality using sessions, Drop down menu for categories (UI as well as APIs/redux for fetching by category), handled user Sign Up and Login (API calls), React Routing, UI of final Review Page
- Vedant – Landing Page (Navbar and Products), Footer, Shopping Cart, Login (both Sign in & Sign up), Checkout (including address form & Payment form), API for products