

A Footwear shop wants to make their business online by creating an ecommerce website. The shop has different categories of footweares like sports shoe, canvas shoe, sandals, slippersetc

The site should have the following functionalities.

There will be 2 roles Admin and User. For User side the UI should be created using a react and backend should be a REST API. Admin side is to be created as a normal Website.

Admin

There should be an admin who can login to the site with email/password to handle the backend operations.

The admin should be able to add, edit and delete footweares

Following details of the footwear should be saved

- Brand
- Category
- model
- size
- prize
- stock
- images

The admin should be able to disable any product.

The admin should be able to create a qr code for a product which upon scanning will take user to the product page.

The admin should be able to get the following reports with ajax filters.

- List total sales of each day with filters for start and end date
- List total sales of each brand with filters for start and end date
- List total sales of each category with filters for start and end date

The admin should be able to know which all products are low on stock and be able to update the product stock when new stock comes(ajax).

The admin should be able to manage orders

- List of orders with filter for status(pending, dispatched, completed, returned)
- Should be able to update the status of the order(ajax).

User

The user should be able to Register an account

The user should be able to sign in the website

The signed in user should be able to see the products available in the site.

The signed in user should be able to search for a product by name/brand/category.

The signed in user should be able to filter the products by brands, category, price, size.

The signed in user should be able to click on any product and view its details.

There should be an add to cart button in the listing and details page. clicking it should add the product to the user's cart.

The signed in user should be able to view the items in the cart and be able to remove them.

The user should be able to place an order for items in the cart by making the payment via Razorpay payment gateway for the items in cart and providing delivery address.

Upon booking,

- the user should be presented with a confirmation screen which show the order details.

- An email should also be sent to the user containing the receipt as pdf.

The user should be able to see all his previous orders in "My Orders" page along with their status.

The "My Orders" page should have the download receipt button. Clicking this button, the user should be able to download the receipt in pdf format

Upon scanning the qr code in the marketing posters user should be redirected to the details page of the corresponding product

