

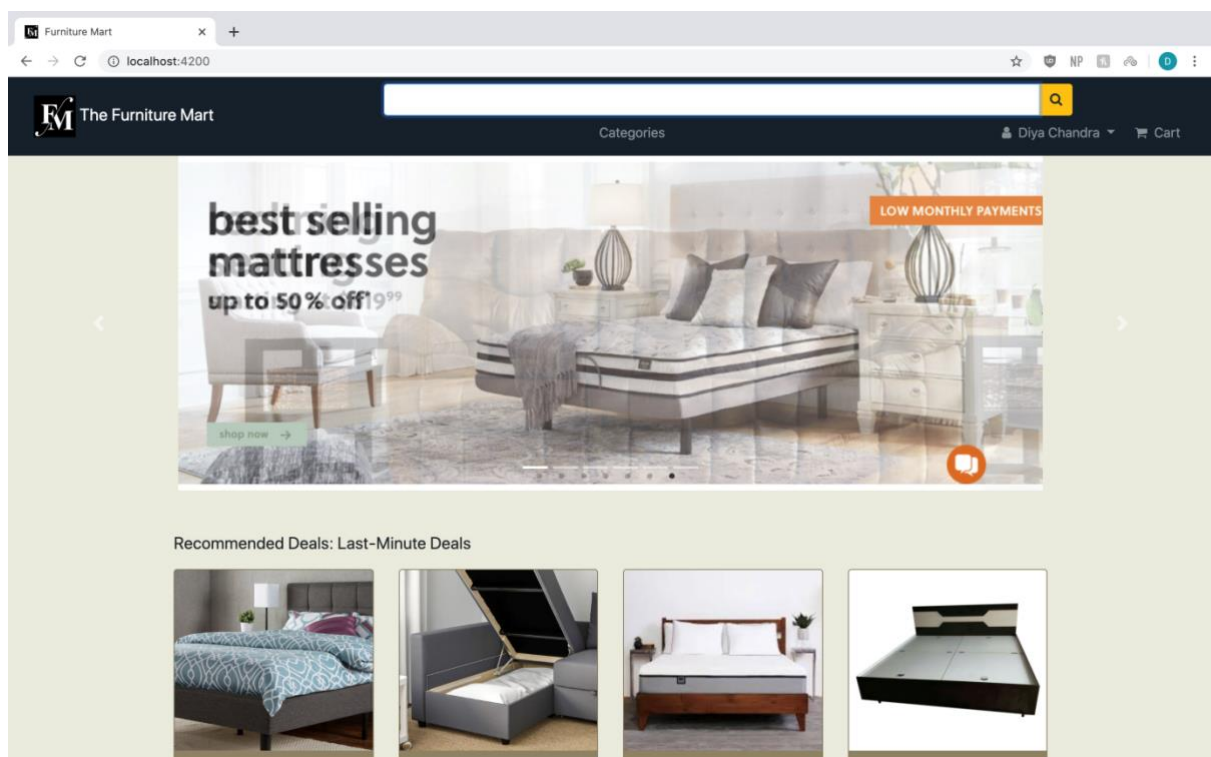
PROJECT REPORT

Title: Online Furniture Store

Website Name: The Furniture Mart

Description:

The project is “The Furniture Mart” web application which provides a platform for buying and selling of furniture like Bookshelf, Mattress and Bed etc.

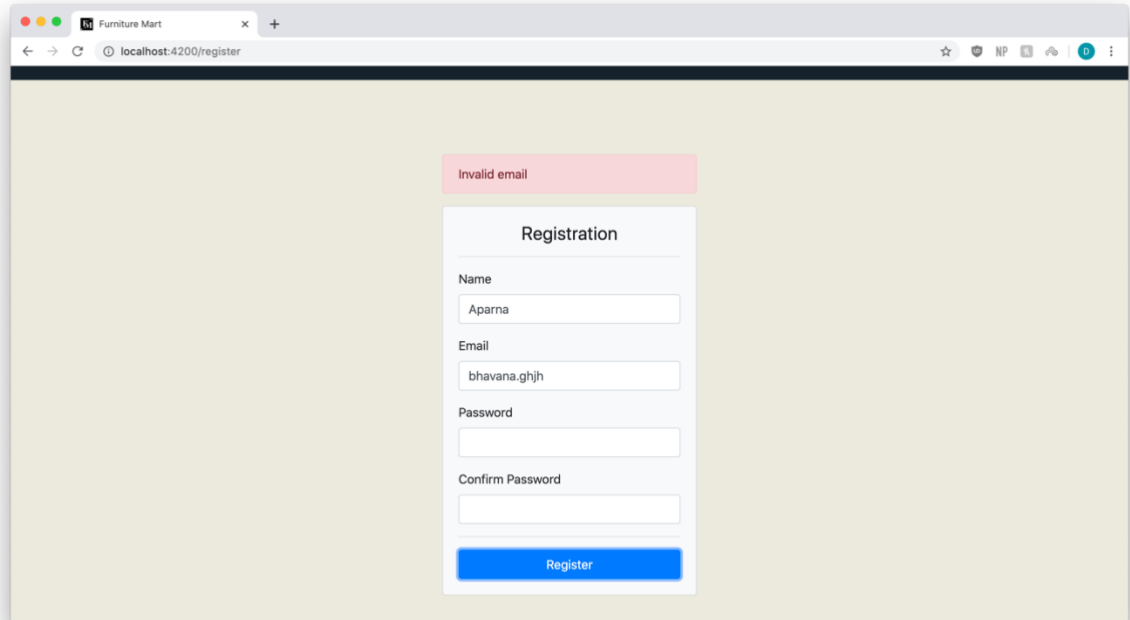


Assumptions:

Admin account is pre-created.

The following functionalities are supported:

- 1) Register Signup – Register new user to system. As a part of registration we check if:
 - i) the username and email is already registered to the system
 - ii) the form is valid



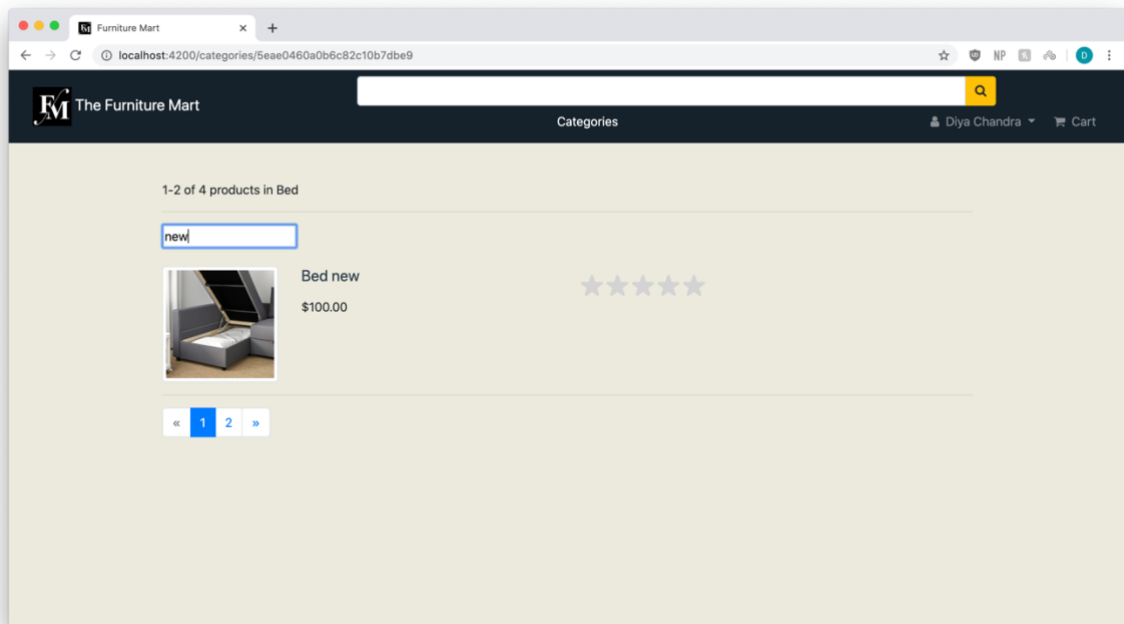
The screenshot shows a web browser window titled 'Furniture Mart' with the address bar displaying 'localhost:4200/register'. The page has a light beige background. At the top center, there is a pink error message box that says 'Invalid email'. Below this, there is a white registration form titled 'Registration'. The form contains four input fields: 'Name' (with the value 'Aparna'), 'Email' (with the value 'bhavana.ghjh'), 'Password', and 'Confirm Password'. At the bottom of the form is a blue button labeled 'Register'.

- iii) the password is strong enough. Hashed versions of passwords are stored in the database.

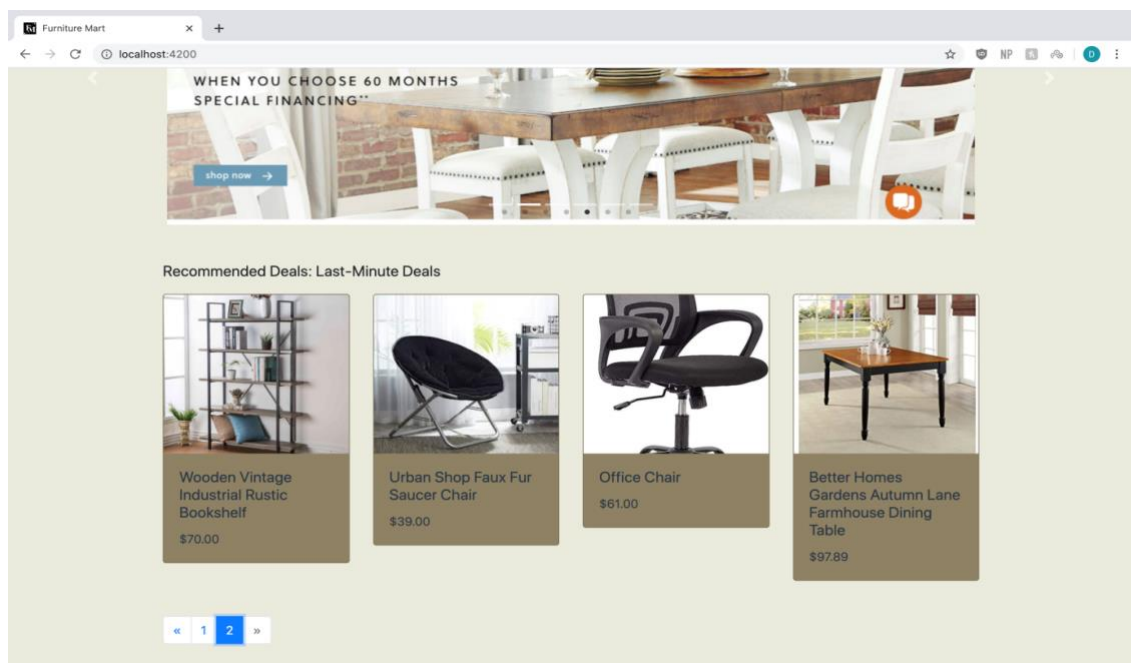
```
_id: ObjectId("5eb5cbb1a100a129a71be67b")
isSeller: false
created: 2020-05-08T21:14:25.445+00:00
name: "Diya Chandra"
email: "diya.chandra@gmail.com"
password: "$2a$10$ALf1nbqz4Nr..CZt7ReB0fYzkczxWgZ/WghHsnJXwpbIb7aVdpby"
picture: "https://gravatar.com/avatar/a16d562e1b48d07213f6d8c2e18f30747s2006d=re..."
__v: 0
> address: Object
```

- 2) User login – Registered user can login

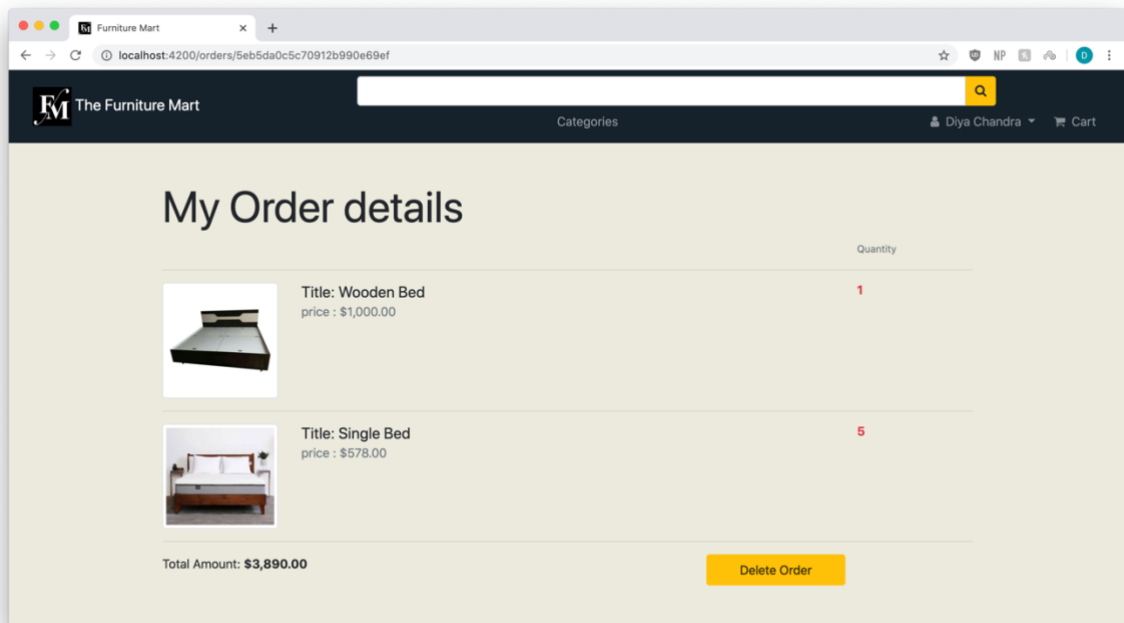
- 3) Available products will be listed. User can filter out the results based on category and can also search for a specific product. Search and filtering are integrated.



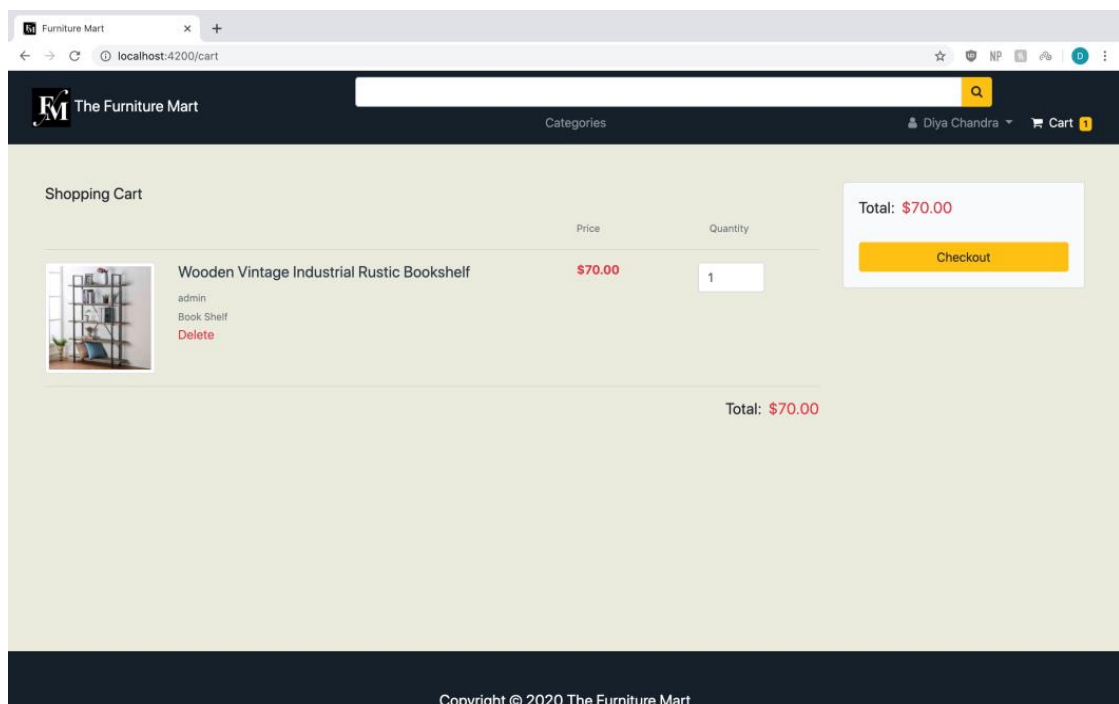
- 4) Paging functionality is incorporated with filtering, search and listing products functions.



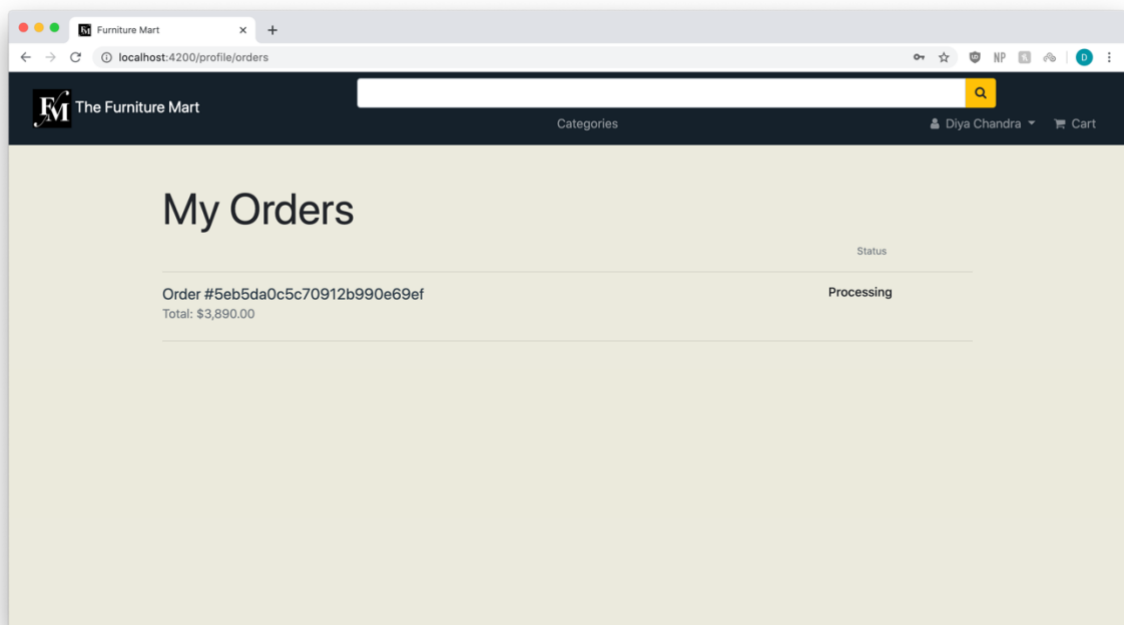
- 5) After logging in, the user can add products to the cart and checkout. Pricing is included. Once the product is checked out inventory will be updated. The user can track orders.



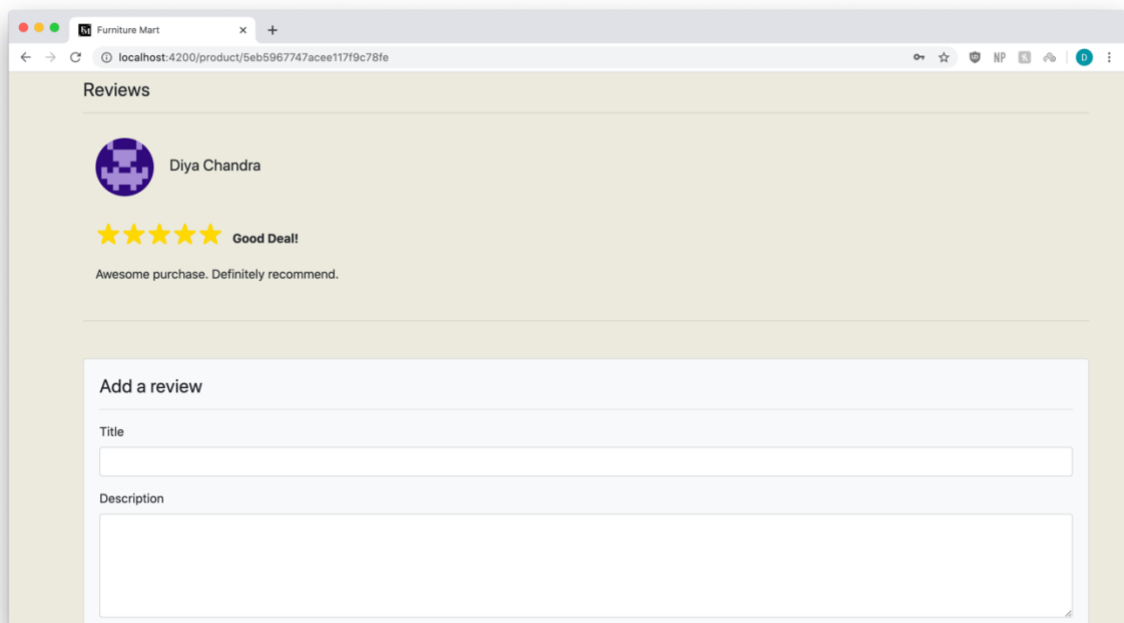
- 6) The user can remove the product or update their quantity in the cart.



7) User can see the history of purchases.



8) There is also a provision for ratings and review for the products bought by the users.







- 9) The admin user can add new items, list all products, update and delete (soft delete) items. While adding/updating items, the admin can upload/update images.

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/profile/postproduct'. The page title is 'Post a Product for Sale'. The form contains the following fields:

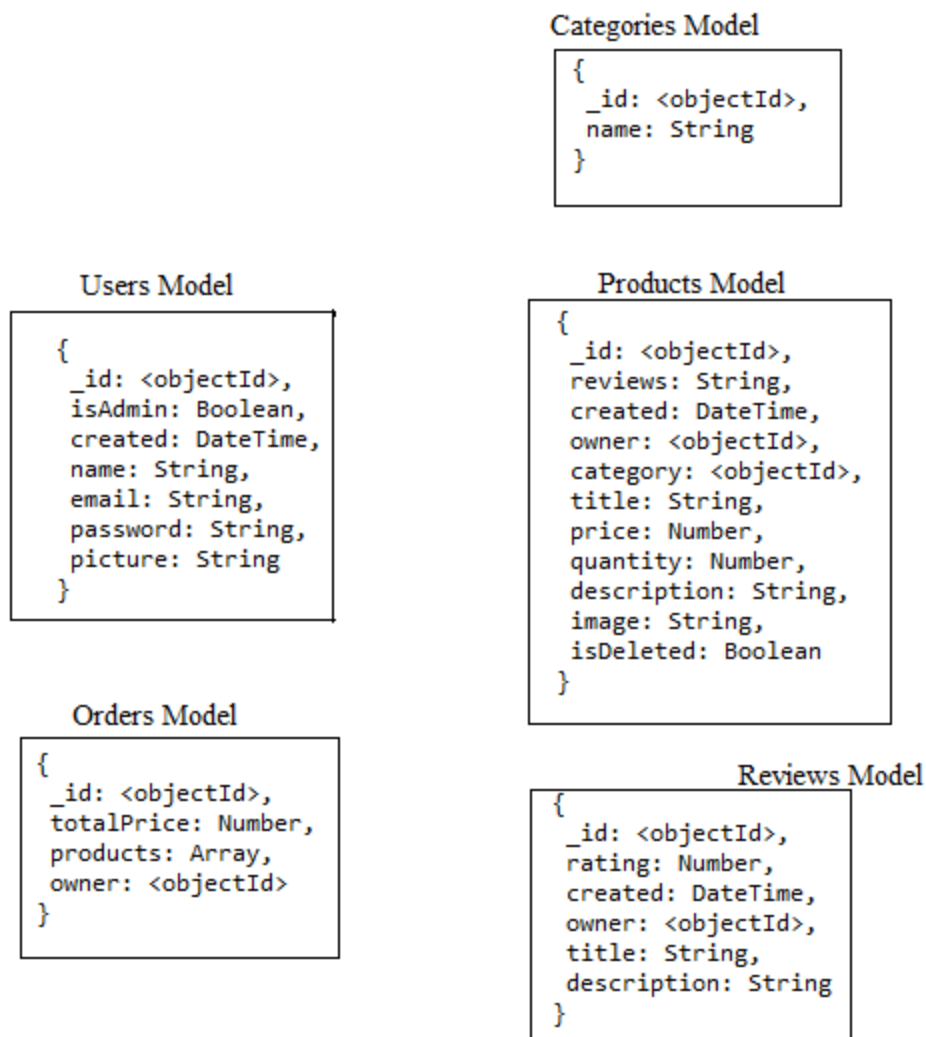
- Title: A text input field.
- Price: A text input field with the value '0'.
- Quantity: A text input field with the value '0'.
- Category: A dropdown menu.
- Description: A large text area.
- Upload Image: A section with a 'Choose File' button and the text 'No file chosen'.
- Post: A green button at the bottom.

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/profile/myproducts'. The page title is 'My Products'. The table lists the following products:

		Price
	Bed_Twin Bed	\$1,500.00 Edit Delete
	Bed new Bed	\$100.00 Edit Delete
	Single Bed Bed	\$578.00 Edit Delete
	Wooden Bed	\$1,000.00

Database Design:

We used MongoDB for database implementation and hosted data on Atlas cluster.



Technologies:

Front-end: HTML, CSS, Bootstrap, AngularJS, AJAX, JQuery

Back-end: NodeJS, ExpressJS, MongoDB, MongoDB Atlas Service

Work Distribution:

Aparna Cleetus (axc190011): User Signup and Login, Order History

Bhavana Bollu (bxb190000): Search and Filter functionality, Admin add product

Diya Chandra (dxc190009): Paging, Cart checkout, Admin update and delete product