

Functional Requirement Document

Project Name: Capstore Application

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CapStore is a web based e-commerce website that allows users to buy or sell products. Users can view products from different categories and buy them. The user will be able to see products of similar category, sort them and compare them. CapStore also allows users to sell their products, they need to register on to the website and need to be authorized by the admin of Capstore. Capstore also has the facility to add third party merchants.

Different functional requirement in the project are as follows:

Login: A user will be required to log into the application in order to access the application or to order the products or any other functionality. JWT authentication is also used to enhance the security. After a user login, application will create a JWT and send it back to the user. The token tells the server what routes, services and resources user is allowed to access.

Sign Up: New user have to register by providing necessary details such as email Id, password and username (which will help them to login in future), mobile number to send an update and about the product status.

Forgot password and Change password: If the user forgot the password, they can change password with the help of security question. Security question and answer should be selected at the time of registration.

Password Encryption: After receiving the password from the user, it will be encrypted into the hash code and then save it to the database and in case of login this encrypted password will be decrypted into the original form.

Order: List of the products ordered by the user will be displayed and also user will be allowed to cancel or return the order as required. Following amount will be deducted or refunded into the wallet as per the case.

Customer: A user friendly dashboard will be available to the user in which all the information of the user will be displayed. User can change some of its personal information as per needed. Add money button will be provided to add money in the user wallet. Different more buttons such as cancel order, list of orders and other information will be provided in the customer dashboard.