Documentation

1. Services provided by the web application are, adding a user, authenticating a user, adding an order for the user, displaying the order, removing the order for the user.

It also searches for products, so that user can easily find what they want.

1. Another service which is provided is showing all the available products.
2. The intended users for the application, any user who is willing to purchase a cellphone.
3. The URL with which the user will start the application is: localhost:8080/webmobilecart/
4. The database tables being used are, User table, Product table and the orderproduct table.
5. The user table will store the details of the user, such as firstname, lastname, username, email address, contact-no and password.
6. The user will be identified, when the user enters its username and password from the web-tier.
7. The userid is the primary key which is unique for every user, and helps in distinguishing and maintaining user’s session through the project execution.
8. The product table stores the details of cellphones, such as product name, product features, product price and the also path where the image for the cellphone is stored.
9. The product can be searched using the product name.
10. When the product is added to cart, the form sends the product id and the user id to another table to store the order.
11. The orderproduct table will store the order which are sent from the form addtocart.
12. The orderproduct table stores, the user id and the product id. Every order, will be unique.

The MVC is implemented using, multiple classes, web-pages and servlets.

1. The Model is implemented by the Product class in the domain package.
2. The View is implemented by using the .jsp and .html files which are responsible to get input from the user and display output to them.
3. The controller classes are the ones in the servlets and services package which get input from the view and pass it on to the service class which gets the data from the database as per the user requirement.

The product.jsp and cart.jsp files implement jstl to display the products for the users. The class object is created for the product class. The application has 7 servlets and 4 .jsp pages and 2 html pages.



