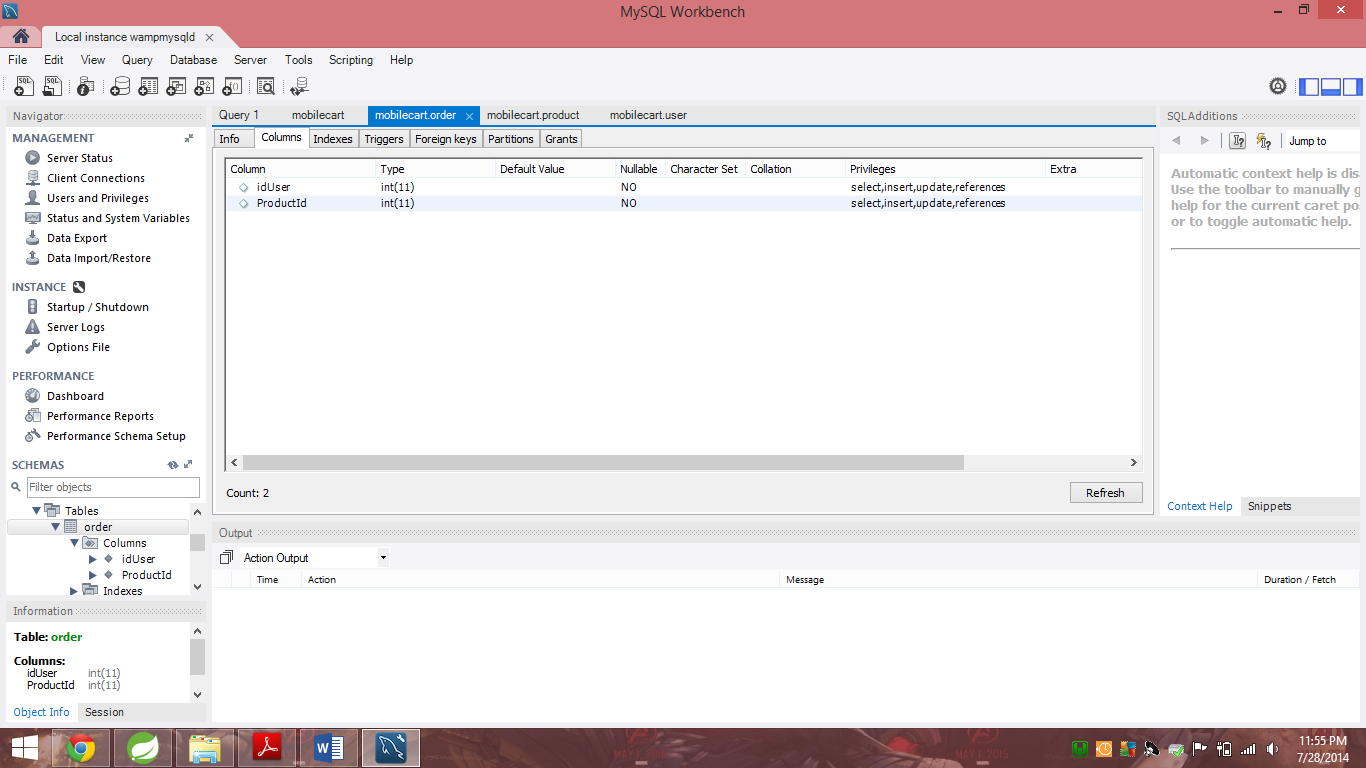
CS548 Final Project Documentation

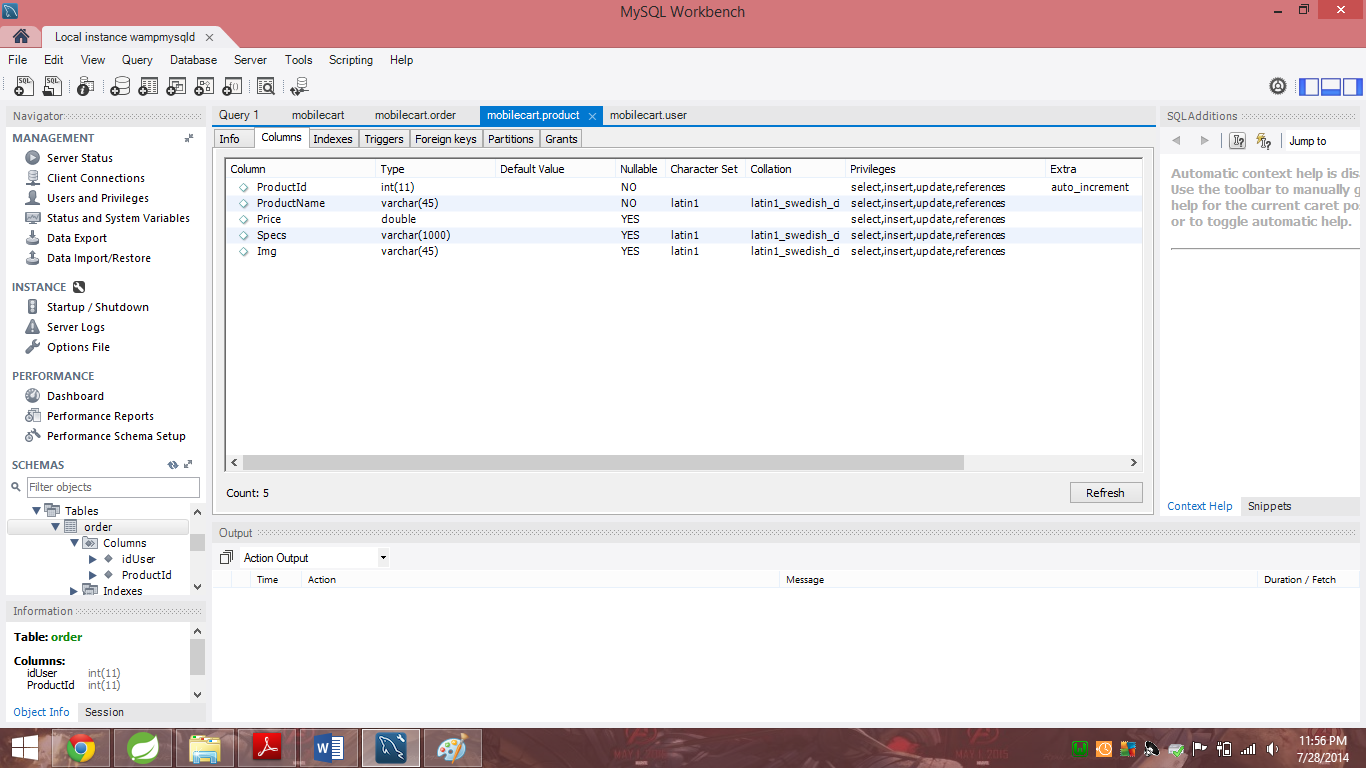
The project is about purchasing cellphones online. The features available are the user can log in, search for product, add cellphone to cart, remove the cellphone from cart.

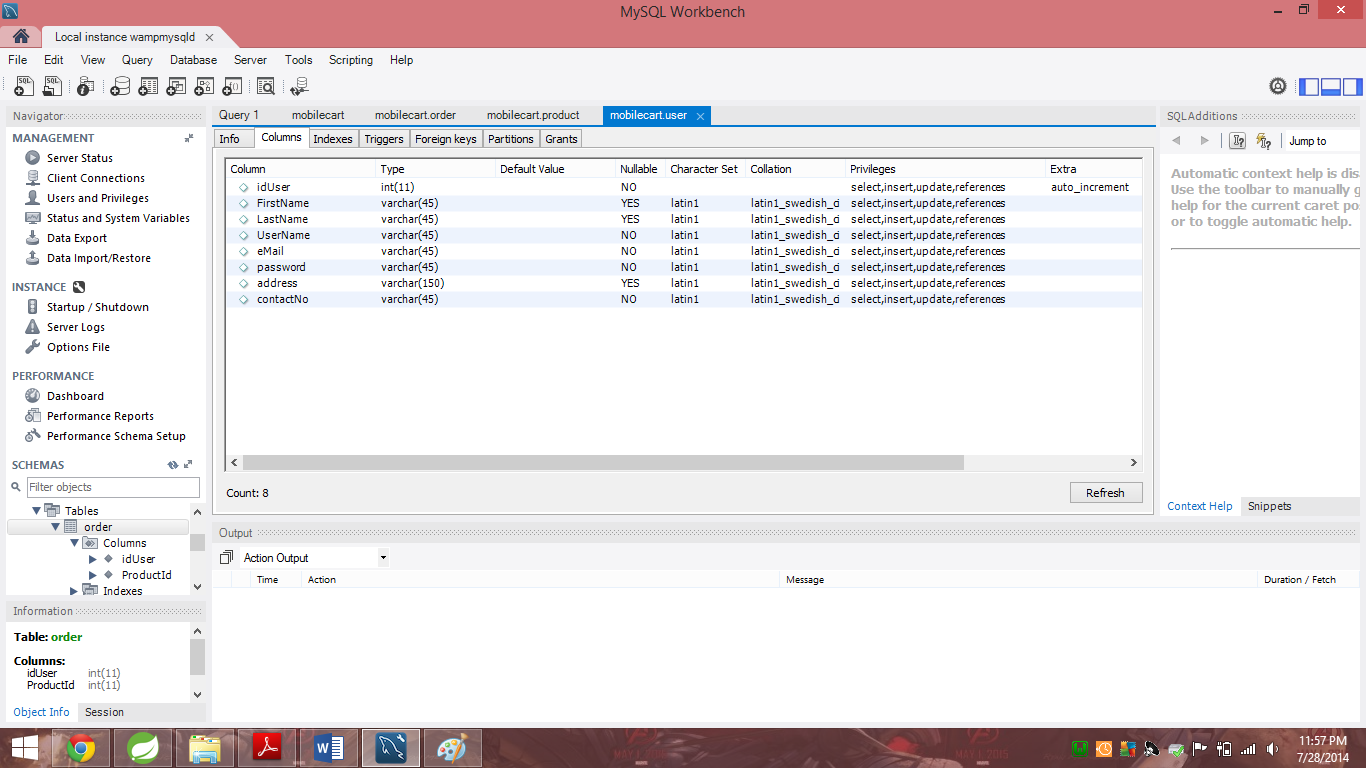
The index.html is the first page which the user will access. There are other 5 jsp pages, which are, the sign in page where the user can sign in, the sign up page where a new user can create an account, the products page (Used to search products and add products to cart), the cart page where the user can see the products they have added in the cart and they get the option to remove them, the final page is the checkout page where in the user enters his/her card details to complete the purchase.

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1. The database tables being used are, User table, Product table and the orderproduct table.
2. The user table will store the details of the user, such as firstname, lastname, username, email address, contact-no and password.
3. The user will be identified, when the user enters its username and password from the web-tier.
4. 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.
5. 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.
6. The product can be searched using the product name.
7. When the product is added to cart, the form sends the product id and the user id to another table to store the order.
8. The orderproduct table will store the order which are sent from the form addtocart.
9. The orderproduct table stores, the user id and the product id. Every order, will be unique.







1. The .sql files are located inside the project’s src/main/resources folder.
2. The web-tier consists of the pages i.e JSP and HTML. The index.html is the first page which the user will access.
3. There are other 5 jsp pages, which are, the sign in page where the user can sign in, the sign up page where a new user can create an account, the products page (Used to search products and add products to cart), the cart page where the user can see the products they have added in the cart and they get the option to remove them, the final page is the checkout page where in the user enters his/her card details to complete the purchase.
4. The rest service is provided by the UserRestHandler class. The class will assist in creating users, looking up users, updating users and removing users.
5. There are 2 controller classes, which are UserController and OrderController.
6. These classes will get data from the forms in the webpages. And provide to the service layer classes which will connect to the dao, which get the data using jdbc implementation with the help of JDBC Template.
7. The UserController class will control the user related actions such as sign-in or sign-up.
8. The OrderController class will control the adding and removing of products from the user’s cart.
9. The URL to access the web application will be, http://localhost:8080/webmobilecart/

The first webpage user will access will index.html

