Card: The user can view a list of products when website is opened

Conversation: When website is prompted, the products will be populated by the products that are available according to the database.

Conformity: All products on the database are selected to be displayed on the view

Card: When a product is clicked, the user can view product information

Conversation: When product has been chosen, the user will view the product information according to the information placed in the database.

Conformity: the product will be selected from the database and all its information, placed in the database, will be displayed

Card: A user can add DVDs to their cart

Conversation: When a user clicks the “add” to cart button, the products will be added to their cart.

Conformity: the item will be added to the users’ cart, which will be placed in the database, as a record

Card: A user can view their total price

Conversation: When the user clicks their cart, the prices of all products will be summed and be shown to the client.

Conformity: all products in the user cart will take their prices and will be summed to be then displayed

Card: A user can checkout

Conversation: When the user clicks checkout, they will be able to input their contact information and their card information for it to be shipped to their chosen address.

Conformity:

Card: A user can login

Conversation: in order for the user to be logged in, they will h

Conformity: we will compare login id and password to the one stored in the database in order for the user to be logged in

Card: A user can register into a new account

Conversation: in order for a user to checkout, they would have to have logged. However, if they do not have an account then they would have to register.

Conformity: we will take their information from a form and store it into a database.

Card: A user can contact the admin for any questions

Conversation: users can email the admin; they must be logged in in order to do so.

Conformity: all emails will be sent to the admin

Card: A user can logout

Conversation: the user can logout

Conformity: all cookies will be erased

Card: The admin can login

Conversation: The admin can login

Conformity: when logged in the privileges of an admin determined by the database

Card: The admin can view products

Conversation: The whole inventory will be shown according to what’s on the database.

Conformity: all products and product information will be selected from the database and be displayed.

Card: The admin can view users and users’ information

Conversation: all users will be listed from the database

Conformity: all users will be selected from the database and will be displayed

Card: The admin can view users’ transaction history

Conversation: the view will be populated with the user and their purchases

Conformity: we will be selecting all users that have purchased and item and their purchased merchandise

Card: The admin can create a new category

Conversation: admin will create a new category so DVDs could be added to it

Conformity: adding a new category to the database table of categories

Card: The admin can add products

Conversation: adding a new product to the databases’ products

Conformity: adding a new product will have to be done; along with its information, its price and its category

Card: The admin can update the number of products by adding products

Conversation: the number of products will be increased by the number of stock received

Conformity: in the database we will update by adding the number of products

Card: The admin can update the number of products by deleting products

Conversation: the number of products will be decreased by the number of stock bought

Conformity: in the database we will update by subtracting the number of products

Card: The admin can delete products

Conversation: removing completely the product, from the inventory list

Conformity: deleting the product itself from the database

Card: The admin can view comments each user has made

Conversation: admin can view comments on each product from each user

Conformity: comments will be added to the database

Card: The admin can answer to user comments

Conversation: the view will be populated with messages sent to the admin, which is stored in the database

Conformity: we will select the emails accordingly and display them with the user who sent the message

Card: The admin can reply back to send messages

Conversation: admin will be able reply to a message sent from specific user

Conformity:

Card: The admin can logout

Conversation:

Conformity: when logged out all privileges are taken away

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Logging System

-The loggin system facilitates the process of checking out and it allows us to ensure the security of the application. Only registered users may log in.

logging in:

-Use this database query to validate the user

SELECT \* FROM users WHERE username = $username AND pass = $pass;

-If the result returns one row, the user\_id will be stored in a session variable to indicate that the user is logged in.

logging out:

-To log the user out: clear the user session variable.

user registration:

-Use this query to perform the registration for new user

INSERT INTO users (u\_name, pass) VALUES ($username, SHA1($pass));

-If no existing username is the same as the newly registered username, the user will be registered, else the user will be prompt an error message.

Sending E-mail System

- Email system allows users to leave comments in each product's comment section using the following insert query

INSERT INTO review (u\_id, p\_id, message) VALUES ($user\_id, $product\_id, $message);

Check out System

-The checkout system lets the user to enter the shipment address and credit card information.

-We decide to not keep this information inside the database for security purposes.

Admin System

-The admin will be able to create and modify products to be shown to the users.

-This will be done through a short of modification form and run through the corresponding insert or update query.

Shopping Cart System

- When the user adds an item on their cart, they would able to see their cart on the right side of the website.