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**User stories PHP final project**

User Profiles

* User can register to the website
* User will register using the information required and it will add that information to the database.
* Checks if user is already in the database since the id is a unique key, if user already exists it won’t add to the database.
* Registered user can change password
* User will be asked to change password by entering their current password then the new one.
* Previous password must match the one in the database in order to update the new password.
* Registered users can view personal information
* User can view their personal information in a page.
* Personal information is retrieved from the database and selects that row for display in the web page.
* Registered users can view personal orders made
* Once a user has checked out and completed their transaction, they can view their order history in a new page
* Orders are retrieved from the database and selects the row in the database of the user that is logged in.
* Registered users can preview their measurements
* User can view their measurements which is part of the personal information page
* Measurements are retrieved from the measurement table and is displayed by selecting the row
* Registered users can add measurements
* Measurements can be added by the user to provide additional information to his or her personal information page.
* New measurements are added to the measurement table using insert.
* Registered users can delete measurements
* Measurements can be deleted from a user if he or she wishes to
* Measurements are deleted upon a button click which will refresh the page and the former measurement will disappear and be removed from the database
* Registered users can modify measurements
* A user can modify a measurement in case changes have been made
* The measurement
* Registered users can send message
* Users can send one or many messages to another user.
* Messages are only sent to users that exists, which means that the other users must be in the user table in order to send him or her a message. Messages are added to the message table.
* Registered users can receive messages
* Messages are received from another registered user
* Messages are retrieved from the message table which belongs to another user (foreign key) of the message table.
* Registered users can add a product to cart
* Products can be added to a cart upon selecting an article
* Products are retrieved from the products table and then added to the cart table where it is displayed on the cart page of the website.
* Registered users can add a product by quantity
* Users can select the quantity of an article they wish to add to the cart
* Price is multiplied by the quantity depending on how much the user selects and it will add to the cart table which can later be displayed in the viewed in the cart page of the website.
* Registered users can remove product from cart
* Users can remove product from the cart if he or she wishes to
* The selected product will be removed from the cart table and from the cart page of the website.
* Registered users can remove product by quantity
* For users who added more than 1 of the same product in the cart, he or she can remove a portion of it form the cart.
* Quantity will be deducted from the cart table and the product will still remain on the webpage but will less quantity.
* Registered users can checkout
* User can checkout upon selecting the items they want.
* They will be redirected to a new page where he or she has to fill up their address and payment form in order to complete transaction.
* Address validation
* User will enter his or her address information on the address form of the checkout page.
* Address will be then validated and will be added to the address table. User can use the same address later on for the checkout if he or she wishes to.
* Payment method validation
* User will enter payment information on the payment method form of the checkout page.
* Validation occurs to check if the credit card information is valid using regular expressions. Payment method information is then added to database for future if desired by the logged in user.
* Validation when logging in
* User will login providing username and password to the login form.
* Validation will take place to check fi user exists in the database. Error message will display if the user was never registered in the database.
* Validations when registering
* User will provide information to the information boxes.
* Information will then be validated and will ask user to provide accurate and realistic information if he or she provides incorrect or informal information.
* Banned registered users cannot log in until further notice
* Users who got banned cannot log in to the website.
* Database will retrieve the banned\_until information from the user database and will deny access if that field of a specific user is not null.

Admin

* Validations when logging in
* Upon providing information to the login page, an Admin login page will appear.
* Upon providing correct admin information, the login page will be redirected to the admin login page, an error message saying login failed will appear otherwise. In the admin login page, admin must provide correct information from the user database in order to log in.
* Admin can send messages to other users
* Admin can send messages to a user anytime in their profile page.
* Messages are sent to existing users only which are checked in the user database.
* Admin can view messages received by other users
* Admin can view messages from other user in their profile page.
* Messages are sent to existing users only which is verified in the database whether user exists or not.
* Admin can view registered accounts
* A page will be provided to the admin for him to see all the registered users and their statuses.
* All user information is retrieved from the database
* Admin can ban an account
* Admin will be able to ban a user in the account page.
* Admin must provide the user id and the amount of time he wants to user to be banned for. User will have his banned\_until field updated from null to a specific date.
* Admin can unban an account
* Admin can unban an account
* Admin must provide the user id of the user he wishes to unban. The user’s banned\_until field will then be updated in the user database have the users banned\_until field set to null.
* Admin can sort the user lists to see banned accounts only
* Admin can see banned accounts only in the account list.
* Information will be retrieved from the user database and display users who have their banned\_until field NOT NULL (any date).
* Admin can sort the user lists to see unbanned accounts only
* Admin can see banned accounts only in the account list.
* Information will be retrieved from the user database and display users who have their banned\_until field NULL (empty).
* Admin can sort the user lists to its default
* Admin can see all the existing users in the list (banned or not banned).
* Users are sorted back to its default form.
* Admin can expel an account (delete)
* Admin can permanently remove a registered user from the website
* Information is deleted from the user database and it won’t be visible anymore in the account list of the admin page.
* Admin can select a product from the inventory
* Admin can choose a product from the inventory.
* It will redirect to a page with the chosen products information: the name and the price which is retrieved from the product database.
* Admin can add product to the inventory
* Admin can add new products to the inventory.
* Product information provided by the admin will be added to the product database and will be displayed in the inventory page of the website.
* Admin can delete product to the inventory
* Admin can remove a product from the inventory
* Information about the selected product will be removed in the product database and will also be removed from display in the admin inventory.
* Admin can update a product to the inventory
* Admin can update a product to the inventory by changing an existing products information.
* The provided information of the product will be updated from the product database according to the changements made from the admin.
* Admin can view the products in the inventory
* A page is provided to the admin to view the inventory.
* Product information is retrieved from the product table and is displayed in a table.
* Admin can verify the stock of the inventory according to the text colors
* Admin can view product quantity with different font colors.
* If the quantity font color is green, then there is sufficient quantity in stock. If the quantity font color is yellow, then there is acceptable quantity in stock. If the quantity font color is red, then the admin should consider ordering more stock to the inventory.
* Admin can sort products by category in ascending order
* Admin can sort products by category from a to z
* Inventory is sorted by category using the ORDER BY ASC sql command
* Admin can sort products by category in descending order
* Admin can sort products by category from z to a
* Inventory is sorted by category using the ORDER BY DESC sql command
* Admin can sort products by quantity in ascending order
* Admin can sort products from lowest to highest quantity.
* Inventory is sorted by quantity using the ORDER BY ASC sql command.
* Admin can sort products by quantity in descending order
* Admin can sort products from highest to lowest quantity.
* Inventory is sorted by quantity using the ORDER BY DESC sql command.
* Admin can sort products by default
* Admin can reset the way the inventory is sorted.
* Inventory is sorted back to its default form.
* Admin can sort products by price in ascending order
* Admin can see all products in the inventory from lowest to highest price.
* Inventory is sorted by price using the ORDER BY ASC sql command.
* Admin can sort products by price in descending order
* Admin can see all products in the inventory from highest to lowest price.
* Inventory is sorted by price using the ORDER BY DESC sql command.

Anonymous user

* Very similar functionality as registered user
* Anonymous users who aren’t register can still access the website
* Similar functionalities exist between the anonymous user and the registered user. However, in order to checkout, anonymous user will be asked to register in order to provide address information to the address database.
* Requires log in/registering upon checking out from cart
* Anonymous users will be asked to login or to register if they don’t have an account.
* Registered users who did not login and is considered anonymous can login and change their status from anonymous to registered user. Information is retrieved from the database to do so.

Others

* Automatic slideshow at homepage upon going to the shop
* A slideshow on the index page will be shown upon being loaded where user can see different images.
* Image changes on an interval