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| RAZDA Co. | | |
| **Filename: [order\_history.py]** | | |
| **Summary***:*  Provides users with the ability to view their past orders, including individual order details such as product information, payment, and shipping status. This file retrieves and paginates order data from the database, making it accessible and organized. It enhances user experience by ensuring transparency and ease of access to past transactions. | | |
| ***Processes*** | | |
| * **View Orders List** | **Fetches a paginated list of a user's past orders and displays them on an order history page. Ensures users are logged in before accessing order history** | |
| * **View Order Details** | **Displays detailed information for a specific order, including items purchased, prices, and other relevant details. Checks user authentication and order ownership before displaying details.** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * product\_catalog.py: Retrieves the order list, specific order details, and order items for a particular user. | * order\_history.log: Logs access to order views, individual order detail pages, and user activity on these pages. | |
| * session: Accesses session data to check if a user is logged in and to identify the user’s ID. | * Template Files: Renders order\_history.html and order\_details.html with the relevant order and item data for the user interface. | |
| * auth Blueprint: Used for redirecting to the login page if the user is not authenticated. |  | |
| **Expected input into file:** | | **Expected output from file:** |
| - **User Session Data**: Includes user\_id stored in session, which identifies the user requesting their order history.  - **Order ID**: Passed in the URL for view\_order\_details, this identifies the specific order to be displayed.  - **Pagination Parameters**: Retrieves page and per\_page parameters to handle paginated display of orders. | | - **Rendered HTML Pages**: order\_history.html displays a list of past orders with pagination, and order\_details.html shows specific order details.  - **Logging Entries in order\_history.log**: Logs when a user views their order history and when they access details for specific orders.  - **Flash Messages**: Displays messages to the user for actions such as login requirements or errors when accessing non-existent orders.  - **Redirects**: Redirects users to the login page if they are not authenticated, or back to the order list if an order is not found. |
| **Things that need to be taking place:** | | |
| |  | | --- | | **- Database Connection: The ProductCatalog class should have a working connection to the database to retrieve order and item details effectively.** |  |  | | --- | | **- Session Authentication: Ensure that session data is set properly for user authentication and that unauthorized users are redirected as expected.** |  |  | | --- | | **- Pagination Handling: The function should correctly handle pagination for the order history view, showing the appropriate number of orders per page and calculating the total pages accurately.** |  |  | | --- | | **- Error Handling for Missing Orders: If an order does not exist or belongs to another user, it should redirect and display an appropriate error message.** |  |  | | --- | | **- Template Setup: Ensure that the templates order\_history.html and order\_details.html are correctly set up to display order information and that data passed to them is structured appropriately.** |  |  | | --- | |  | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |