|  |  |  |
| --- | --- | --- |
| RAZDA Co. | | |
| **Filename: [webhook\_listner.py]** | | |
| **Summary***:*  Listens for webhook events from Squarespace, processing various updates including transaction completions, inventory adjustments, and order status changes. It ensures that Razda Market’s backend remains synchronized with Squarespace’s events for consistent order management and inventory tracking | | |
| ***Processes*** | | |
| * **Event Listener Setup** | * **Configures a Flask Blueprint to handle HTTP POST requests at the /webhook/squarespace endpoint, allowing Squarespace to notify Razda Market of events.** | |
| * **Event-Specific Processing** | * **For each event type (e.g., order.completed or inventory.updated), it triggers relevant actions such as updating order statuses and adjusting inventory counts** | |
| **Files it Gets Information From:** | | **Files it Sends too:** |
| * **Squarespace Auth Module**: Verifies incoming requests | * **Database/Logs**: Updates order and inventory data, and logs event actions. | |
| * **Product Catalog Module**: For updating order statuses based on received events. | * **Log (webhook\_listener.log)**: Records received events and any processing errors. | |
| **Expected input into file:** | | **Expected output from file:** |
| * **Webhook Data from Squarespace**: JSON payloads detailing event types and relevant data fields (e.g., order\_id, product\_id, inventory\_count). | | * **Database Updates**: Modifies inventory counts, updates order statuses, and logs successful or failed processing of each event. |
| **Things that need to be taking place:** | | |
| |  | | --- | | **- squarespace\_webhook Endpoint: Listens to POST requests from Squarespace, decodes JSON payloads, and extracts event types and associated data for processing.** |  |  | | --- | | **- Event Processing: Processes specific event types (order.completed, inventory.updated) to update Razda Market’s backend.** |  |  | | --- | | **- Error Handling: Catches exceptions and logs errors if webhook processing fails, sending a 500 response to notify of the issue.** |  |  | | --- | |  | | | |
| Edit log (update each time you make changes to doc or file). | | |
| * Oliver Smith (Razda Admin) Nov 8, 2024: | | |