

26-09-2023 Riffaee Completed Tasks :

## **\*\*1. Implementing Search Goods Using Invoice Number:\*\***

- **\*\*API Integration:\*\*** Since you mentioned that the API for searching goods using an invoice number is already implemented, you need to make API requests to fetch the relevant data. Ensure you have the necessary API endpoints and access credentials.
- **\*\*Create a Search Input Field:\*\*** Design a search input field where users can input the invoice number. You can use a `TextField` widget for this purpose.
- **\*\*Search Functionality:\*\*** Implement a function that triggers a search request to the API when the user enters an invoice number and presses a search button or hits the Enter key. You can use the `http` package to make API calls.
- **\*\*Display Search Results:\*\*** Once you receive the search results from the API, display them in a list. You can use a `ListView.builder` widget to create a scrollable list of goods.
- **\*\*Error Handling:\*\*** Implement error handling to display a message if no results are found or if there is an issue with the API request.

## **\*\*2. Changing Search Page Design:\*\***

- **\*\*Add Tabs to the Search Bar:\*\*** To add tabs to the search bar, you can use the `DefaultTabController` widget. Wrap your search bar and search results with this widget. Define the tabs you want (e.g., "Search by Invoice," "Search by Item") and specify their content.
- **\*\*Customise Search Bar:\*\*** You can customise the search bar appearance using the `AppBar` widget. You may want to add icons or other elements to enhance the user interface.
- **\*\*Tab Content:\*\*** Each tab should have its own content. You can use a `TabBarView` to switch between different search methods when users tap on the tabs. Implement the necessary UI and logic for each search method.
- **\*\*Styling:\*\*** Apply styling to ensure that the new design looks visually appealing and consistent with the rest of your app.
- **\*\*Testing:\*\*** Thoroughly test your search functionality and new design on different devices and screen sizes to ensure it works as expected.