Zid Coding Task

Implement a Shipping System API with the following main functionalities:

1. Creating shipments

2. list previous shipments

3. Printing labels

4. Shipment tracking

5. webhooks

The user story is as follows:

The user can create a shipment. 📦

The user can attach any documents to a shipment e.g. clearance forms 📝

The user can print shipping labels for a shipment.

The user can bulk print shipping labels for multiple shipments.

The can check the tracking status of a shipment.

The user can subscribe to a Webhook of an event e.g. "shipment_status_updated".

The system should trigger a Webhook on subscribed events.

Optional:

Implement an endpoint that generates an estimation of a delivery date for a given shipment based on shipping distance and the expected load in your system while taken into consideration historical data in building the estimation, feel free to build historical dummy data (or use any publicly published dataset) to aid you in building a solution with high accuracy.

Notes:

We believe that API design is a craft, so we expect that you would follow ***best practices*** in api

design. Including:

- Payloads.

- Headers.

- Authentication schemes.

- Resources.

- Documentation.

You can use whatever language, framework, and datastore you want, but be careful.

- You should follow best practices of that specific language/framework.

- You should be able to justify your choices, especially the datastore.

We know this is **hard**, we want to assess how much you can finish and learn given time constraint.

If you have any questions concerning the project or the implementation, do not hesitate to contact
us.