

# QIK DELIEVRY EXPRESS

Admin  
Portal  
(Web-  
Based)

The **Admin Portal** is a centralized web-based application designed to streamline and manage the delivery operations for **QIK DELIEVRY EXPRESS**. After successful login, the admin is directed to a comprehensive **Dashboard**, which provides high-level insights and access to all key functionalities.

## Dashboard Overview

Upon logging in, the admin is presented with a user-friendly **Dashboard** offering a snapshot of operational metrics and quick access to key features:

- **Total Parcels:** View the total number of parcels in the system.
- **Assigned Parcels:** Count and status of deliveries already assigned to drivers.
- **Unassigned Parcels:** Deliveries pending assignment.
- **Completed Deliveries:** Parcels successfully delivered.
- **Pending Deliveries:** Parcels yet to be delivered.

## Core Functionalities

### 1. Excel Upload – Delivery Data Import

Admin can bulk-upload delivery data using a standardized Excel (.xlsx or .csv) format. The data includes:

- Customer Name
- Phone Number
- Parcel Weight
- Pin Code
- Delivery Address

Once uploaded, the data is automatically validated and integrated into the delivery management system.

### 2. Delivery Visualization – Map View

- All delivery locations are plotted on an interactive map using *@googlemaps/markerclusterer*
- Each marker represents a unique delivery point, with tooltip/pop-up for parcel details.

### 3. Driver Management

Allows the admin to manage driver profiles with CRUD (Create, Read, Update, Delete) capabilities:

- Add new drivers with contact and vehicle details
- Edit existing driver information
- Delete drivers who are no longer active

#### 4. Parcel Assignment

- Admin can assign parcels to drivers directly via the **map interface**.
- Select a delivery point on the map and assign it to a driver from a dropdown.
- Enables more intuitive and geographically-informed decision-making.

#### 5. Auto-Sort Deliveries (Smart Routing)

- System automatically sorts and groups parcels based on **proximity** (using geolocation data such as latitude and longitude).
- Helps in route optimization to reduce fuel costs and delivery time.