Post Office Application

Team of 2 - specification draft

**Team Members:** Pasquale Vivaldo, Liviu-Octavian Stamatoiu

**General Description:**

This application aims to aid postal offices in organizing their assets and deploying their employees, but also to let clients track their orders and schedule pick-ups and deliveries.

**Registration (for all the roles):**

The user can register into the application either as a client, a courier or an office manager. Every class must have a unique username and a password, and there is information specific to each role that the user provides at registration.

Any users, logged in or otherwise, can use a **tracking number** to see the status of any given delivery (sender’s address, recipient’s address and ETA).

**Office manager:**

**Full name, Phone number, Office address.**

Office managers may log in to the application to manage delivery orders, assigning them to couriers.

Logged in office managers receive the clients’ placed orders, accepting or denying them (with a provided reason that will be shown to the client).

Logged in office managers can assign an order to a courier, within size and coverage restrictions (a bicycle courier couldn’t deliver a washing machine).

**Courier:**

**Full name, Phone number, Vehicle type, Coverage and range.**

Couriers may log in to the application to see their assigned delivery orders and the customers’ data.

Logged in couriers may see their car’s load for the day, and assigned delivery addresses, in order.

Logged in couriers may access any given delivery to see its client’s full name, address, and phone number.

**Customer:**

**Full name, Phone number, Delivery & Billing addresses.**

Customers can log in to the application and manage their outgoing and incoming deliveries, as well as place new delivery orders.

A logged in customer can provide the name and data of another person and have their parcel delivered to them.

Logged in customers can track their deliveries, incoming or outgoing, seeing the address and estimated time of delivery.