**🔹 Use Case: Rent a Scooter**

**Title:** Rent a Scooter  
**Actors:** Registered User, Admin  
**Preconditions:**

* User is logged into the system.
* Scooters are available at the selected station.

**Main Flow:**

1. User navigates to the map or station list.
2. User selects a nearby station (e.g., Basel SBB).
3. System displays available scooters at that station.
4. User selects a scooter and specifies rental duration.
5. System shows rental cost (with discounts if applicable).
6. User confirms booking.
7. System processes the rental and updates scooter availability.
8. User receives confirmation with rental details.

**Admin Involvement:**

* Admin ensures scooters are available and functional at each station.
* Admin manages pricing, including discount campaigns.
* Admin monitors active rentals and system status.
* Admin performs regular database maintenance and backups.
* Admin manages CRUD operations for scooters, users, rentals, and stations in the database.
* Admin ensures data integrity and applies updates or migrations as needed.

**Postconditions:**

* Scooter status is updated to “rented.”
* Rental is recorded in the system.

**🔹 Concise Use Case Description**

The **"Rent a Scooter" use case** enables users to rent scooters at various stations. The process involves station selection, scooter availability check, booking confirmation, and applying relevant discounts. Admins ensure proper scooter management, pricing, and system monitoring. The system handles rental tracking and scooter availability updates. Admins also manage the backend database to maintain accurate and secure data.

**🔹 Concise Domain Model Description**

The **domain model** of the PYM Scooter web app includes the following entities:

* **User**: Contains details such as name, contact information, and rental history.
* **Admin**: Has access to manage scooter stations, pricing, availability, and database records.
* **Station**: Represents rental locations like Basel SBB and Claraplatz.
* **Scooter**: Describes scooter attributes including model type, battery level, and status.
* **Rental**: Tracks rental data including duration, status, cost, and the user involved.

**Business Rules:**

* A 20% discount is applied at Basel Badischer Bahnhof.
* Stations under maintenance or track work display service disruption alerts.
* Admins can update scooter info, pricing, station data, and manage database integrity.