# User Stories – Sprint # 2

Work in Progress

**Spring Topics**

* Park API
* Non-user, User, Admin

**Functional Requirements**

**Non-user**

- As a non-user, I want to be able to make an account, so that I can become a user.

- As a non-user, I want to be able to consult the available parking spaces, so that I can get the consulting information.

**User**

- As a user, I want to be able to make a parking spot reservation, so that I am able to park there.

- As a user, I want to be able to consult the available parking spots, so that I am able to make a reservation.

- As a user, I want to be able to edit a parking spot reservation, so that I am able to change its location, time or date.

- As a user, I want to be able to cancel a parking spot reservation, in case of a change of plans.

- As a user, I want to be able to sublet a parking spot, so that I am able to rent it to another user when needed

**Admin**

- As an admin, I want to be able to register a parking spot, so that I am able to make it available for further reservations.

- As an admin, I want to be able to edit a parking spot, so that I am able to change and update its properties.

- As an admin, I want to be delete a parking spot, in case of change of its availability.

- As an admin, I want to be able to consult all the parking spots, so that I can manage the parking lot’s readiness.

- As an admin, I want to be able to consult all the parking lot’s reservations, so that I can manage the parking lot.

**Non-Functional Requirements**

**User**

- As a user, I need to be authenticated, so that I am able to take advantage of the API’s functionalities.

**Use Cases**

1. **Parking Spot Management (CRUD)– Admin**
2. **Reservation Management (CRUD) – User**
3. Sublet Management (CRUD) – User
4. **Available Parking Spots Consultation (READ) – User**
5. Payment Process (CREATE) – User
6. User Management (RUD) - User
7. User Registration (CREATE) – Non-user
8. *~~Consult Available Parking Lots – Non-user / User~~*

Open Questions:

* Can a non registered user see which parking lots/spots are available to make a reservation?