

Charging Request Workflow

For Basic & Premium Users

- 1 User Requests Charging (Success)
- 2 MWBot (Backend Service) Fetches Request & Starts Charging
- MWBot Publishes MQTT Message:

```
json
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{
    "botID": 1,
    "spotID": spot.id,
    "action": "dispatch"
}
```

4 MQTT Subscriber Updates Request Status:

 $\bullet \quad \text{Pending} \to \text{Completed} \\$

Premium User Special Flow

- Can Reserve a Spot in Advance
- If Reserved → Use Reserved Spot for Charging
- If Not Reserved → Request Charging Directly

X Superuser (Admin) Capabilities

- Full System Control 🔥
- Manages Users, Parking Spots, & Charging Requests
- Can View and Modify Charging Requests