

# SPRINT 1

<b>1.7 Manage Vet availability</b>	<b>2</b>
<b>2.9 Add medication batch</b>	<b>3</b>
<b>2.10 Receive Low Stock Alert</b>	<b>4</b>
<b>3.8 Configure Promotions &amp; Discounts</b>	<b>5</b>
<b>3.9 Define loyalty tiers</b>	<b>5</b>

## 1.7 Manage Vet availability

**PUT /vets/{id}/availability/{dayOfWeek}** → Create availability

```
{  
  "startTime": "09:00",  
  "endTime": "17:00"  
}
```

**DELETE /vets/{id}/availability/{dayOfWeek}** → Delete availability

**POST /vets/{id}/exceptions** → Register exception

```
{  
  "date": "2025-11-10",  
  "startTime": "09:00",  
  "endTime": "12:00",  
  "isAvailable": false,  
  "reason": "Medical appointment"  
}
```

**GET /vets/{id}/availability** → Manage availability and exceptions

```
{  
  "vetId": 5,  
  "availabilities": [  
    { "dayOfWeek": "MONDAY", "startTime": "09:00", "endTime": "17:00" },  
    { "dayOfWeek": "TUESDAY", "startTime": "10:00", "endTime": "18:00" }  
  ],  
  "exceptions": [  
    { "id": 1, "date": "2025-11-10", "startTime": "09:00", "endTime": "12:00", "reason":  
      "Medical appointment" }  
  ]  
}
```

**PUT /availability/{id}** → Update availability

```
{  
  "startTime": "10:00",  
  "endTime": "18:00"  
}
```

**DELETE /availability/{id}** → Delete availability

```
{  
  "message": "Availability deleted successfully",  
  "availabilityId": 1  
}
```

Jordi Prat, Marc Lopez i Arnau Sala

**PUT /exceptions/{id}** → Edit exception

```
{  
  "date": "2025-11-10",  
  "startTime": "10:00",  
  "endTime": "13:00",  
  "isAvailable": false,  
  "reason": "Personal medical appointment"  
}
```

**DELETE /exceptions/{id}** → Delete exception

## 2.9 Add medication batch

**POST /medications/{id}/batches**

```
{  
  "lotNumber": "AMOX-1025",  
  "expiryDate": "2026-05-30",  
  "initialQuantity": 500,  
  "purchasePricePerUnit": 0.45,  
  "receivedDate": "2025-10-06",  
  "storageLocation": "Shelf A1"}  
}
```

**GET /medications/{id}/batches**

Obtain all registered batches for a medication

**GET /batches/{batchId}**

Get data for a specific batch

**PUT /batches/{batchId}**

```
{  
  "batchId": 123,  
  "medicationId": 15,  
  "lotNumber": "AMOX-1025",  
  "expiryDate": "2026-05-30",  
  "initialQuantity": 500,  
  "currentQuantity": 500,}
```

Jordi Prat, Marc Lopez i Arnau Sala

"purchasePricePerUnit": 0.45,

"receivedDate": "2025-10-06",

"storageLocation": "Shelf A1"

}

**DELETE /batches/{batchId}**

## 2.10 Receive Low Stock Alert

**GET /medications/{Id}**

Obtain current medication stock with details (quantity, name, etc.)

**GET /medications/{Id}/reorder-threshold**

Get the configured reorder threshold for a medication

**PUT /medications/{Id}/reorder-threshold**

Update the reorder threshold for a medication

```
{  
  "reorderThreshold": 120  
}
```

**GET /medications/{Id}/alerts?status=OPEN**

Get active low stock alerts for a medication

**PATCH /alerts/{id}**

Update or acknowledge a low stock alert

```
{  
  "status": "ACKNOWLEDGED",  
  "note": "Order placed with supplier"  
}
```

### 3.8 Configure Promotions & Discounts

#### POST /promotions

```
{  
  "name": "Autumn Vaccination Drive",  
  "description": "20% off on all vaccination services during the autumn campaign",  
  "discounts": [  
    {  
      "type": "percentage",  
      "value": 20,  
      "target": "ClinicService:Vaccination"  
    }  
  ],  
  "startDate": "2025-10-01",  
  "endDate": "2025-11-30",  
  "maxUses": 150,  
  "promoCode": "AUTUMN20"  
}
```

### 3.9 Define loyalty tiers

#### POST /loyalty-tiers

```
{  
  "tierId": 3,  
  "tierName": "Gold",  
  "requiredPoints": 500,  
  "discountPercentage": 10,  
  "benefitsDescription": "10% off on all services and one free annual check-up",  
  "createdAt": "2025-10-06T15:00:00Z"  
}
```

#### GET /loyalty-tiers

```
{  
  "tierId": 1,  
  "tierName": "Bronze",  
  "requiredPoints": 0,  
  "discountPercentage": 0,  
  "benefitsDescription": "Base level"  
,  
{  
  "tierId": 2,  
  "tierName": "Silver",  
  "requiredPoints": 200,  
  "discountPercentage": 5,  
  "benefitsDescription": "5% discount on all services"  
,  
{  
  "tierId": 3,  
  "tierName": "Gold",  
  "requiredPoints": 500,  
  "discountPercentage": 10,  
  "benefitsDescription": "10% off + free check-up"  
}
```

#### GET /loyalty-tiers/{id}

```
{  
  "tierId": 2,  
  "tierName": "Silver",  
  "requiredPoints": 200,  
  "discountPercentage": 5,
```

Jordi Prat, Marc Lopez i Arnau Sala

```
"benefitsDescription": "5% discount on all services"  
}
```

**PUT /loyalty-tiers/{id}** → Update loyalty tier

**DELETE /loyalty-tiers/{id}** → delete loyalty tier

Bussiness rules:

- It cannot be deleted if there are customers assigned to that level.
- In that case, it must first be reassigned to another level.

Response ok:

```
{  
  "message": "Loyalty tier 'Silver' deleted successfully."  
}
```

Response failure:

```
{  
  "error": "Cannot delete tier with active members assigned." }
```