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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
}
```

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,
```

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```
"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,
```



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

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

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

Business 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." }
```