

Payment Reminder Service - API Documentation

Base URL: <http://localhost:8080>

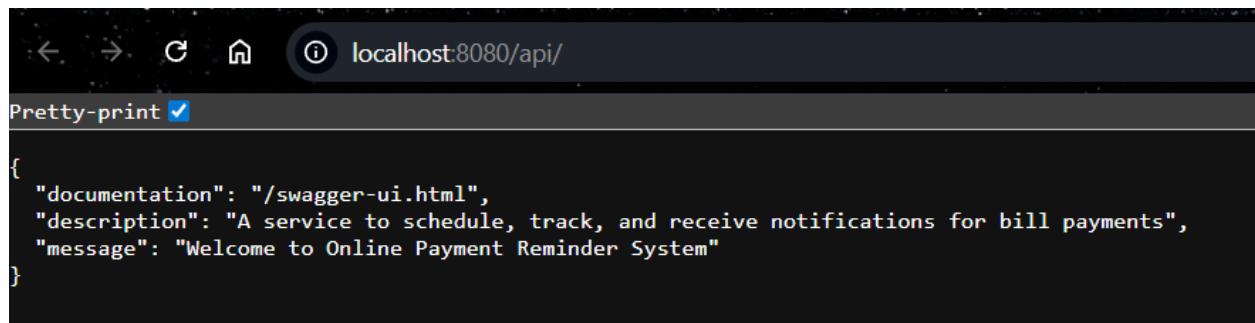
Available Endpoints

1. Welcome Endpoint

- URL: /api/
- Method: GET
- Description: Returns a welcome message and service information
- Authentication: None
- Response: 200 OK
-

Response Body

```
{  
  "documentation": "/swagger-ui.html",  
  "description": "A service to schedule, track, and receive notifications for bill payments",  
  "message": "Welcome to Online Payment Reminder System"  
}
```



A screenshot of a browser window displaying a JSON response. The address bar shows 'localhost:8080/api/'. Below the address bar, there is a 'Pretty-print' checkbox which is checked. The main content area shows the following JSON object:

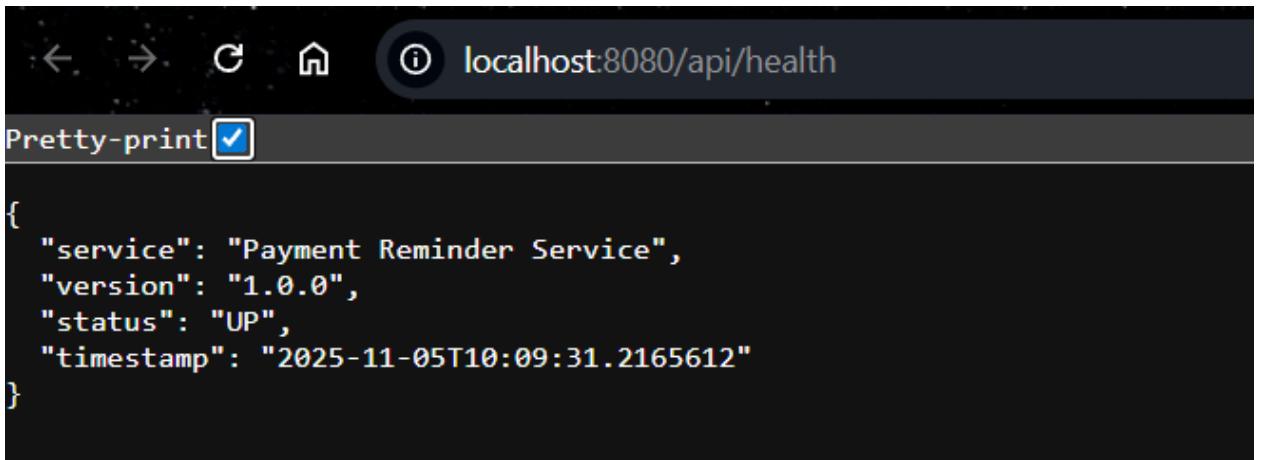
```
{  
  "documentation": "/swagger-ui.html",  
  "description": "A service to schedule, track, and receive notifications for bill payments",  
  "message": "Welcome to Online Payment Reminder System"  
}
```

2. Custom Health Check

- URL: /api/health
- Method: GET
- Description: Returns custom health status with timestamp
- Authentication: None
- Response: 200 OK
-

Response Body

```
{  
  "service": "Payment Reminder Service",  
  "version": "1.0.0",  
  "status": "UP",  
  "timestamp": "2025-11-05T10:09:31.2165612"  
}
```



```
localhost:8080/api/health
Pretty-print
{
  "service": "Payment Reminder Service",
  "version": "1.0.0",
  "status": "UP",
  "timestamp": "2025-11-05T10:09:31.2165612"
}
```

3. Actuator Health Check

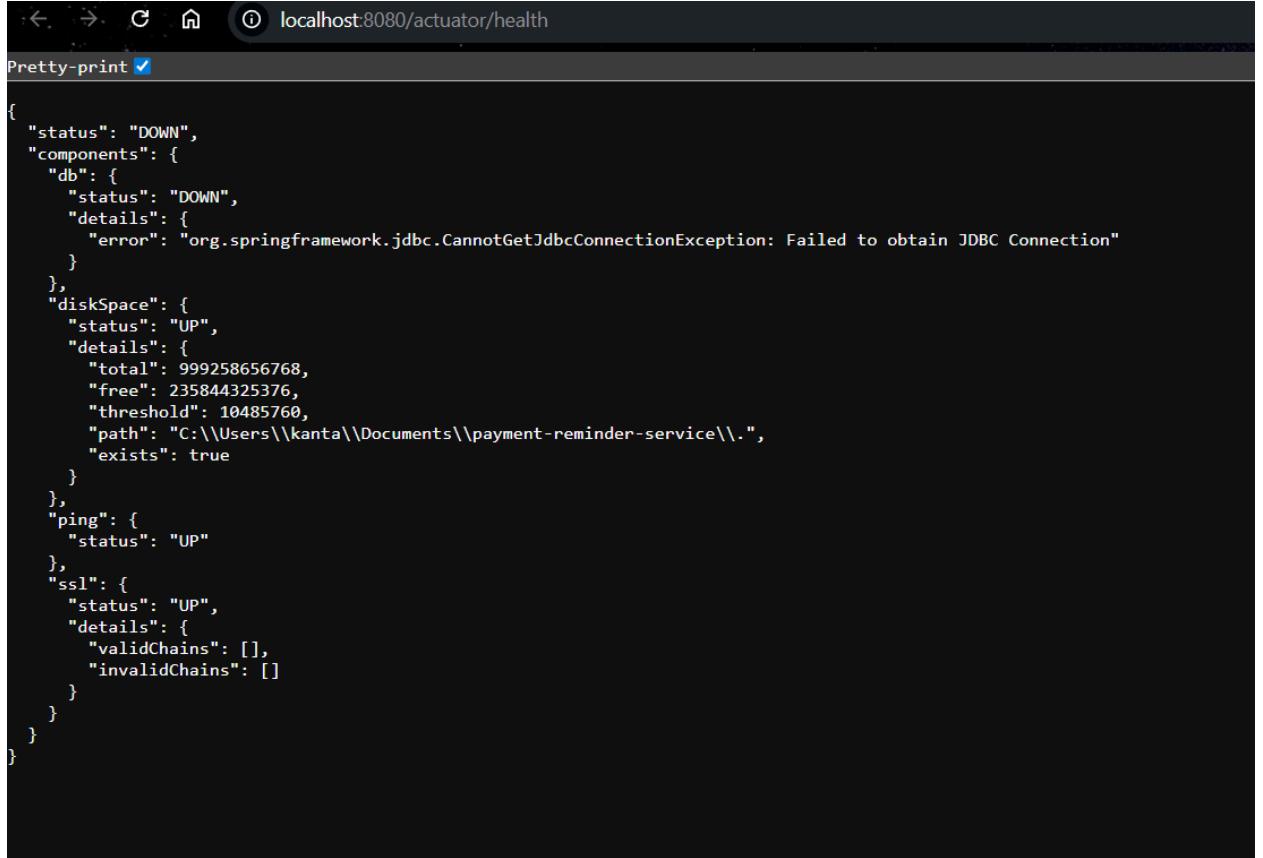
- URL: /actuator/health
- Method: GET
- Description: Spring Boot actuator health endpoint with component details
- Authentication: None
- Response: 200 OK
-

Response Body

```
{
  "status": "UP",
  "components": {
    "db": {
      "status": "UP",
      "details": {
        "database": "PostgreSQL",
        "validationQuery": "isValid()"
      }
    },
    "diskSpace": {
      "status": "UP",
      "details": {
        "total": 999258656768,
        "free": 235790827520,
        "threshold": 10485760,
        "path": "C:\\Users\\kanta\\Documents\\payment-reminder-service\\.",
        "exists": true
      }
    },
    "ping": {
      "status": "UP"
    }
},
```

```
"ssl": {
    "status": "UP",
    "details": {
        "validChains": [],
        "invalidChains": []
    }
}
}
}
}

{
    "status": "DOWN",
    "components": {
        "db": {
            "status": "DOWN",
            "details": {
                "error": "org.springframework.jdbc.CannotGetJdbcConnectionException: Failed to obtain JDBC Connection"
            }
        },
        "diskSpace": {
            "status": "UP",
            "details": {
                "total": 999258656768,
                "free": 235844325376,
                "threshold": 10485760,
                "path": "C:\\Users\\kanta\\Documents\\payment-reminder-service\\.\\",
                "exists": true
            }
        },
        "ping": {
            "status": "UP"
        },
        "ssl": {
            "status": "UP",
            "details": {
                "validChains": [],
                "invalidChains": []
            }
        }
    }
}
```



The screenshot shows a browser window with the URL `localhost:8080/actuator/health`. The page displays a JSON response with the following structure:

```
{
    "status": "DOWN",
    "components": {
        "db": {
            "status": "DOWN",
            "details": {
                "error": "org.springframework.jdbc.CannotGetJdbcConnectionException: Failed to obtain JDBC Connection"
            }
        },
        "diskSpace": {
            "status": "UP",
            "details": {
                "total": 999258656768,
                "free": 235844325376,
                "threshold": 10485760,
                "path": "C:\\Users\\kanta\\Documents\\payment-reminder-service\\.\\",
                "exists": true
            }
        },
        "ping": {
            "status": "UP"
        },
        "ssl": {
            "status": "UP",
            "details": {
                "validChains": [],
                "invalidChains": []
            }
        }
    }
}
```

DBeaver 25.2.4

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Filter connections by name

paymentReminder_db localhost:5432

Databases

- paymentReminder_db
 - Schemas
 - public
 - Tables
 - Foreign Tables
 - Views
 - Materialized Views
 - Indexes
 - Functions
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 - Data types
 - Aggregate functions
 - Event Triggers
 - Extensions
 - Storage
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 - Roles
 - postgres
- Administer
- System Info

Files - General

Name	DataSource
Bookmarks	
Dashboards	
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Scripts	