

Backend Documentation

This backend service utilizes the Spring framework and will be used as the template for our team to build features.

Amazon Relational Database Service

The Amazon RDS database is currently live and will work with this service.

I have created some basic endpoints so that you test queries to the database hosted on AWS.

I suggest using Postman and MySQL Workbench when making requests to the endpoints so that you can verify the data.

GET endpoints

/ → return HTML document (if viewed in browser or HTML code if viewed in Postman)
/getusers → returns JSON array of all users
/getbugs → returns JSON array of all bugs

* The first endpoint is just a forward slash

** It will return a placeholder webpage in HTML format.

POST endpoints (requires JSON format)

/createbug → inserts a bug into the database

API Parameters

- title
- bug_description
- due_date
- assigned_to
- created_by
- severity
- bug_stats

*due_date requires the following formatting: YYYY-MM-DD

Amazon AWS Role accounts

I have created AWS role accounts with limited functionality for the team. I am currently in the process of testing them and hope to have them ready by the end of the week. With these accounts you will be able to access the database.

Requirements

- Spring
- MySQL Community Workbench
- IDE (I recommend IntelliJ)

Additional dependencies are included in the POM document and should download automatically.

Setup

This service is ready to go with the only exception being the `application.properties` section which requires specific usernames and password. Since this is being hosted on GitHub I have left it blank. If you already know how to set this up you can do it yourself. If not, contact me offline so that I can let you know what is required.

Again, since this code is being placed in an online repository you should [environment variables](#) to store sensitive information.