

# Tools Used

## Development Environment

- Apache-Maven 3.8.5
- JDK 11
- MySQL 8.0
  - Server
  - Workbench
- VisualStudio Code
  - Java Extention Pack
  - Git for VSCode

Apache Maven was used to host the database locally during development

JDK 11 was the version of Java used for the project

MySQL 8.0 was used to develop the database and store the data

MySQL Server hosted the database locally for our machines

MySQL Workbench allowed us to query and design the database

VisualStudio Code was the housing of our code and its development,

Java Extention packs integrated java constraints

Git for VSCode connected the code to the latest version of the code developed by members from GitHub

## Web Development Framework

- SpringBoot 2.6.6
- Google Cloud

SpringBoot 2.6.6 was used to develop the database into a Java based web app

Google Cloud was used to create a remote database to be able to run the database remotly from any device

## Source Control

- GitHub

GitHub was used to store the source code and store any documentation of progress, team meeting minutes, as well as status reports

## Diagram Tools

- Scene Builder

Scene Builder was used to develop the look of the screens used to display the users, reports, etc.

## Communication and Coordination

- Discord
- Jira

Discord was used for team meetings, meetings during development of the code, and used to store backup doucmentation, codes and websites used to learn the code

Jira was used to assign tasks, organize time frames to complete certain sections of the project, and allow the customer to view our progress on the project