

Development Environment

- Apache-Maven 3.8.5
- JDK 17.0.2
- MySQL 8.0 - Server - Workbench
- VisualStudio Code - Java Extension Pack - Git for VSCode

Remote Database

- Google Cloud

Source Control

- GitHub

Diagram Tools

- Scene Builder

Communication and Coordination

- Discord
- Jira

JDK 17 was the version of Java used for the project.

MySQL 8.0 was used to create the database server and store the data. MySQL Server hosted the database locally for our machines .

MySQL Workbench allowed us to query and design the database .

MySQL workbench was used to host a local database before transferring to a remote database via Google Cloud.

VisualStudio Code was the main development environment used to code and create the system.

Java Extension packs integrated necessary java extensions so that the system can be run.

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

SpringBoot 2.6.6 was used to launch the application initially.

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

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

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

Discord was used for team meetings, meetings during development of the code,

used to store backup documentation, 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 team to stay on track.