

Report:

1.

- a. The DBMS and the programming languages that you have used in your implementation of the application.

The database management system (DBMS) used is PostgreSQL, and the programming languages employed are Java for backend development, and HTML and CSS for frontend development.

- b. Specific steps to guide someone to install your applications

1. Download Required Software:

- Download and install IntelliJ IDEA, Apache Tomcat, and PostgreSQL following the instructions provided for your operating system.

2. Prepare PostgreSQL Database:

- Create a new schema in PostgreSQL using a tool like pgAdmin or through the command line.
- Execute the SQL scripts provided (`tables.txt` for table creation and `insertion.txt` for data insertion) to set up and populate the database schema.

3. Import Project into IntelliJ IDEA:

- Create a new project in IntelliJ IDEA using the provided project files.
- Ensure that the project structure is set up correctly within IntelliJ.

4. Install Smart Tomcat Plugin:

- Download and install the Smart Tomcat plugin for IntelliJ IDEA.
- This plugin will facilitate running the application with Tomcat directly from IntelliJ.

5. Configure Database Connection:

- Open the `database.java` file in your project.
- Locate the `dbpassword` variable and set its value to the password used for your PostgreSQL setup. This ensures that your application can connect to the PostgreSQL database.

6. Run the Application:

- Use the Smart Tomcat plugin to run the application within IntelliJ.
- Make sure Tomcat is properly configured within IntelliJ and that the application is set up to run on it.
- Verify that the application starts without errors and is accessible through a web browser.

- c. A list with the DDLs that create your database

- tables.txt
- insertion.txt