For this bug track system, the client required us to use either C++ or Java for implementation, consider the maintainability and convenience to set up the system, we choose use Java as the coding language.

As for the code steady, we will use some framework in Java to develop the system. The framework we will use are: Spring and Hibernate.

Spring framework is used for the web layer. In other word Spring is responsible for the fort-end.

Hibernate framework is used for the database layer. It is used to handle the request from the frontend, and go through the database to make response according to the request. s