



Bug Tracking System

Development Information

Frontend files

Tech stack - HTML, CSS, JSP

1. Authentication
 - a. login.jsp
 - b. register.jsp
 - c. importusers.jsp
 - d. homepage.jsp
2. Bug Tracker
 - a. bugtrackinghome.jsp //
 - b. bugtrackinghome-pm.jsp
 - c. bugtrackinghome-dev.jsp
 - d. bugtrackinghome-tester.jsp
3. Project
 - a. projectdetails.jsp
 - b. newproject.jsp
 - c. editproject.jsp
4. Bug

- a. displaybugs.jsp
- b. reportbug.jsp
- c. editbug.jsp
- d. assignbug.jsp
- e. markforclosing.jsp

Middleware files

Tech stack - Java, Servlets, MySQL

Classes

- 1. Team.java
- 2. User.java
- 3. Project.java
- 4. Bug.java
- 5. Logs.java

Files

- 1. log.txt
- 2. users.json

Factory

- 1. ConnectionFactory

Exceptions

- 1. UserAlreadyExists

2. InvalidDateException
3. Other Exception

Interfaces

1. BugDao.java
2. ProjectDao.java
3. UserDao.java
4. TeamDao.java

Implementations

1. BugDaoImpl.java
2. ProjectDaoImpl.java
3. UserDaoImpl.java
4. TeamDaoImpl.java

Servlets

1. LoginServlet
2. RegisterServlet
3. ImportUserServlet
4. AddProject
5. DisplayProject
6. EditProject
7. RegisterBug
8. EditBug
9. DisplayBug
10. BugClosing

11. LogoutApp

12. GetUser

Validation -

Plz identify and add validations here.

Backend files

Tech stack - MySQL

1. DB Source - bugtrackingsystem.sql
2. Normalization - Mandatory

Optional -

1. User profile info and updation
2. Bootstrap responsiveness
3. email alert // external API