**CS 122B Project 5 Report**

Team-88

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**Task 1:**

1. Connection Polling:

|  |  |  |
| --- | --- | --- |
| File Name | Line Number | Snapshot |
| \_dashboard.jsp | 23 |  |
| BrowsePage.jsp | 16 |  |
| checkout.jsp | 14 |  |
| confirmation.jsp | 13 |  |
| insertMovie.jsp | 17 |  |
| insertStar.jsp | 12 |  |
| MoviePage.jsp | 14 |  |
| search.jsp | 11 |  |
| shoppingcart.jsp | 11 |  |
| StarPage.jsp | 13 |  |
| AndroidLogin.java | 39 |  |
| AndroidSearch.java | 45 |  |
| AutoComplete.java | 64 |  |
| EmployeeLoginServlet.java | 55 |  |
| LoginServlet.java | 55 |  |

**How connection polling was implemented:**

We removed the codes of username, password and URL, as well as the code that we used to make JDBC connection with. Then we implemented the codes from the given example, which will get information about JDBC from “META-INF/content.xml”.

1. Prepared statements:

|  |  |  |
| --- | --- | --- |
| File Name | Line Number | Snapshot |
| \_dashboard.jsp | 42 |  |
| BrowsePage.jsp | 35 |  |
| checkout.jsp | 47 |  |
| confirmation.jsp | 33 |  |
| insertMovie.jsp | 39 |  |
| insertStar.jsp | 43 |  |
| MoviePage.jsp | 34 |  |
| search.jsp | 67 |  |
| shoppingcart.jsp | 81 |  |
| StarPage.jsp | 33 |  |
| AndroidLogin.java | 61 |  |
| AndroidSearch.java | 67 |  |
| AutoComplete.java | 97 |  |
| EmployeeLoginServlet.java | 76 |  |
| LoginServlet.java | 77 |  |

**How prepared statement was implemented?**

We use prepared statements to replace the statements that created by connection.createStatement(), and use setString()/setInt() to fill in the “?”in the prepared statement to make it be a full search query.