**User**

|  |  |
| --- | --- |
| uid : integer, primary key | The ID number of the user. |
| username : varchar(30) | The username of the user |
| password : varchar(30) | The password of the user. |

Primary key is (uid).

**Search**

|  |  |
| --- | --- |
| sid : integer, primary key | The ID number of the search. |
| query: text | The text representation of the query. |
| searchTime : Date | The time at which the search was executed. |
| uid : integer, foreign key from User | The ID of the user who executed the search. |

Primary key is (sid).

**Result**

|  |  |
| --- | --- |
| sid : integer, foreign key from Search | ID of the search that returned this result. |
| file : text | The file this result is contained in—this includes repository name. |
| commitId: text | The commit the file is contained within. |
| lineNumber : integer | The line number containing this result. |
| line : text | The text of the line containing this result. |
| resultStart : integer | The character in the line at which this result begins. |

Primary key is (sid, lineNumber, resultStart).