**SQL\_Queries**

*Version 437*

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| **File Name** | SQL\_Queries.cs | **File Version** | 437 |
| **File Location** | \SharedCode\SQL\_Queries.cs | | |
| **File Uses** | DatabaseIO.cs | | |
| **File Used By** | All Forms | | |
| **Reason for Editing** |  | | |

| **Method** | **Line #** | **Purpose** | **Pre-Condition** | **Post-Condition** |
| --- | --- | --- | --- | --- |
| sqlStatment | 33 | Will execute a non-query sql statement. | There is a non query sql statement that needs to be executed on the database. | The query is executed and the number of affected roles returned. |
| endShift | 40 | Resets all godmothers back to a status of pending. | The current shift needs to be ended. | All godmothers are reset back to a status of pending. |
| getShiftStartEnd | 77 | Method is used to determine if a shift can be started or ended. If a shift is started it can be ended but not started again. | Can a shift be started or ended. | If the start or end shift button should be enabled true is returned else if it should be disabled false is returned. |
| setShiftStartEnd | 106 | Updates the time of either a shift start or shift end in the ConfigSettings table. | A user has started or ended a shift. | The shift start or end time in the database is updated. |
| getGlobalizedSettings | 139 | Method will retrieve settings from the database in the ConfigSettings table. | The application needs a global config value from the database. | The property is returned. |
| NewGodMother | 163 | Adds a new Godmother to the database. Since the godmother id's are automatically assigned this method will return their ID so that you can use that in the rest of the program logic like adding the godmother to shifts. | A new godmother needs to be added to the datanase. | The godmother is added to the database. |
| getDate | 181 | Retrieves the current date and time from the database server. | The application needs the current date and time from the database server. | The current date and time are returned. |
| getMaxCinderellaID | 192 |  |  |  |
| NewCinderella | 209 |  |  |  |
| DeleteGodMother | 227 | Deletes a Godmother from the system. Actually this method just sets the delete flag since we don't actually want to delete the godmother from the database. | A specified godmother needs to be deleted. | The delete flag for the godmother is set. (There is no actual delete here.) |
| AddGodmotherShift | 240 | Adds a godmother to a shift. | A shift needs to be assigned to a godmother. | The shift is assigned to the godmother. |
| GetCurrentlyShopping | 252 | Retrieves a dataset of those who are currently shopping. | The application needs the names of those still shopping. | A dataset of the godmother and Cinderella names is returned. |
| getGodmotherStatusByShift | 264 | Returns godmothers working a specific shift with a specific status. | The application needs list of godmothers with a specific status and shift. | A dataset of their names is returned. |
| getGodmotherStatus | 278 | Retrieves all godmothers of the status specified. | The application needs list of godmothers with a specific status. | A dataset of their names is returned. |
| getCinderellaStatus | 307 | Retrieves all cinderellas with the current specified status. | The application needs list of cinderellas with a specific status. | A dataset of their names is returned. |
| getCinderellas | 323 |  |  |  |
| getNotes | 383 |  |  |  |
| getStats | 439 | Retrieves all of the current stats for the system. | Application needs some general current system stats. | A string containing all of the stats is returned. |
| setPairing | 516 | Pairs a godmother and Cinderella. | A specified Cinderella and godmother need to be paired. | The pairing is added to the database. |
| setStatus | 530 | Sets the status of a cinderella or godmother. | The current status of a godmother or Cinderella needs to be updated. | Their current status has been updated. |
| setCinderellaDetails | 568 |  |  |  |
| setGodmotherDetails | 582 |  |  |  |
| insertPair | 594 |  |  |  |
| sqlSelect | 606 | This method houses all of the basic "Select" statements. | A dataset from a basic select statement is requested. | The resulting dataset is returned. |
| MatchMakerProcess | 674 |  |  |  |