database **DatabaseConnection** - SINGLE_INSTANCE: DatabaseConnection DB_CONNECTION: String MULTIPLECHOICE_COUNT_QUERY: String - TRUEFALSE_COUNT_QUERY: String - SHORTANSWER_COUNT_QUERY: String - TOTAL_COUNT_QUERY: String - c: Connection - trueFalseRecordCount: int - multipleChoiceRecordCount: int - shortAnswerChoiceRecordCount: int - totalRecordCount: int questionLookUp: Hashtable<String, Question> kevset: Set<String> - hashTableCursor: int - DatabaseConnection(): DatabaseConnection + getKeyset(): Set<String> + getRecordCount(String): int + getHashtableCursor(): int + setHashtableCursor(int): void + getInstance(): DatabaseConnection - connectionSetUp(): void + addQuestion(Question): void + updateRecordCount: void - insertQuery(String): void + clearQuestionData(): void + closeConnection(): void + setTrueFalseRecordCount(int): void + getTrueFalseRecordCount(): int + setMultipleChoiceRecordCount(int): void + getMultipleChoiceRecordCount(): int + getShortAnswerChoiceRecordCount(int): void + setShortAnswerChoiceRecordCount(): void + getTotalRecordCount(): int + setTotalRecordCount(int): void + recordExists(String): boolean + getQuestionLookUp(): Hashtable<String, Question> + setQuestionLookUp(): void

QuestionReader

- DB_CONNECTION: DatabaseConnection
- + main(String[]): void

+ pullQuestion(): Question

Use

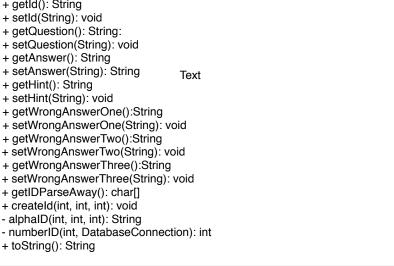
- + addQuestionSA(String[], int): void
- + addQuestionTF(String[], int): void
- + addQuestionMC(String[], int): void

Question

- id: String
- question: String
- answer: String
- hint: String
- wrongAnswerOne: String
- wrongAnswerTwo: String
- wrongAnswerThree: String
- + Question(ResultSet): Question
- + Question(int, int, int, String, String, String, String, String, String): Question
- + aetId(): Strina

Ùse

Use



QuestionMenu

Use

- + menu(): void
- Pmenu(): int
- displayAllRecords():
- clearDatabase():
- addQuestion(int choice): void
- createTrueFalseQuestion(): Question
- createShortAnswerQuestion(): Question
- createMultipleChoiceQuestion(): Question
- + main(String[]): void

