## Class survey\_db

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| **Function** | **Scenario** | **Expected Output** | **Actual Output** |
| Check4Db | Surveydatabase.db exists | True | True |
|  | Surveydatabase.db does not exist | False | False |
| createDb |  | Tables (SURVEY, SURVEY\_QUESTION, POSSIBLE\_ANSWERS, ANSWERS) are created | Database file along with necessary tables were created |
| addNewSurvey |  | A record in SURVEY table is created | A record in SURVEY table was created |
| addNewQuestionWithAnswer |  | - A new record in SURVEY\_QUESTION - Records in POSSIBLE\_ANSWERS for the above question | A new record in SURVEY\_QUESTION and several records in POSSIBLE\_ANSWERS were created |
| deleteDB |  | File “surveydatabase.db” is deleted | File “surveydatabase.db” was deleted |
| getSurveyID |  | Survey\_ID of given survey name | Survey ID was returned correctly |
| addNewRespondent |  |  |  |
| addResults |  | Response for the questions should be created in ANSWERS table | Records were created in ANSWERS table for the given question |
| getSurveyNames |  | List of survey names | List of survey names was retrieved |
| getSurveyQuestions |  |  |  |
| getNumQuestions |  | Number of questions of a particular survey | Number of questions of a particular survey was returned correctly |
| getSurveyQuestionsAnswer |  | All questions and their answers for a particular survey | List of questions along with their answer keys and answer text were retrieved |
| checkUniqueSurveyName |  | True if the given survey name is not in the database. Otherwise, False | True when survey name was not in the table SURVEY and False when the survey name was not in the table |
| getAnswerID |  | ID of an answer for a particular question |  |
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