

Test Case ID: TUDatabase01

Test Designed by: Ahmadreza Vakilalroayayi

Test Name: DatabaseAddTimeLineJUnitTest

Test Designed date: 2017-05-21

Requirement tested: 4.2

Test Executed by: Jonatan Berg

Description: Integrity of database data(TimeLines) testing with Junit.

Test Execution date: 2017-05-27

Pre-conditions: Database file with a table of TimeLinesTable should be created and connection to database should be based on the database file.

Post-conditions: TimeLines are successfully added into database with the correct information.

Adding 200 timelines into database

Step	Test Steps	Test Data	Comparison	Expected Result/Value	Actual Result/Value	Status (Pass/Fail)
1	Add 200 Timelines into database	Increment Title, Description, Dates by 1 for each Timeline in database file for 200 times.	N/A	All Timelines should be in database.	Timelines are completely added into database.	Pass
2	Test title	Timelines.get(increment variable).getTitle()	=	Database value in each increment should be equal to incremented expected data.	Title in each row is as exact as incremented value.	Pass
3	Test description	Timelines.get(increment variable).getDescription()	=	Database value in each increment should be equal to incremented expected data.	Description of Timelines are exact as expected value.	Pass
4	Test startTime	Timelines.get(increment variable).getStartTime()	=	Database value in each increment should be equal to incremented expected data.	Dates of Timelines start time are exact as expected value.	Pass
5	Test endTime	Timelines.get(increment variable).getEndTime()	=	Database value in each increment should be equal to incremented expected data.	Dates of Timelines end time are exact as expected value.	Pass

- Connection to the database file is stable.
- All data from the database will be removed after each test in Junit testing by deleteAllTimeLines() method.