IntergrationTest:

LogicTest.cs:

Test for logic unit, is similar with using command line to use ToDo++.

31 test cases in this test.

Examples:

public void AddTimedFailTest();

This test case checks whether logic handled invalid time for task, like Feb 29th in not leap year.

public void ComplicatedAddTest()

This test case checks random position for keyword in command to be handled.

public void DeleteDateAllTest()

This test case checks whether delete multiple tasks and “all” key work.

public void DeleteByIndexTest()

This test case checks how logic handle index, both valid and invalid.

public void MultipleKeywordsTest()

This test case checks the situation when user key in multiple key words, both in recognizable and unrecognizable way.

public void CheckSpacesTest()

This test case checks whether random space in command can be handled.

public void TimeRangeTest()

This test case checks whether add task with time range like morning or night work.

OperationUnitTest:

OperationTest.cs:

This test is operation unit test, checking the process of operation being executed and returning response.

8 test cases in this test.

Examples:

public void OperationDeleteRangeFailTest()

This test case checks operation work when index valid and invalid.

public void OperationSearchTest()

This test case checks operation work when search with or without matched tasks.

ParserUnitTest:

CommandParserTest.cs:

This test is commandparser unit test, checking the process of user input being translated into operation.

4 test cases in this test.

StringParserTest.cs:

This test is unit test for stringparser, checking the process of string parsed into separate string and return list of string.

8 test cases in this test.

Examples:

public void AddComplicatedDatedTaskTest()

This test checks complicated date time string being combined in correct way.

TokenGeneratorTest.cs:

This test is unit test for tokengenerator checking the process of generating corresponding tokens from given string list.

9 test cases in this test.

Examples:

public void AddFringeCase()

This test checks daytime words being recognized into time tokens.

public void IndexRangeFailTest()

This test checks index range will not be wrongly recognized.

public void DateTimeDetectTest()

This test checks different types of date will be recognized.