CST8130 -Data Structures

Assignment #3- Test Plan

**Selection 1- Adding an Event**

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| Description | Input values | Output/Result |
| Add meeting event from keyboard with two notes | Choice 1  Type 1  Date:1/1/2000  Time: 10:00  Description TeamMeeting  Notes:note1,note2  Location : MainOffice | Event is added to array (confirmed with menu choice 2 )  2000/1/1 10:0 TeamMeeting  [ note1, note2 ] at MainOffice |
| Add school event from keyboard with 3 notes | Choice 1  Type 2  Date :2/2/2000  Time :10:00  Description: hangout  Notes: note1,note2,note3 | Event is added to array (confirmed with menu choice 2 )  2000/2/2 10:0 hangout  [ note1, note2, note3 ] |
| Add Social event from keyboard with 1 note | Choice 1  Type: 4  Date :3/3/2000  Time 18:00  Description : general  Notes :note1 | Event is added to array (confirmed with menu  2000/3/3 18:0 General  [ note1 ] |
| Add Work event from keyboard with 2 notes | Choice 1  Type: 3  Date :4/4/2000  Time 18:00  Description : export  Number of Notes to add: ‘abc’ | Invalid entry...Please enter an integer  Loops until user enters and integer |
| Add Work event from keyboard with 0 notes | Choice 1  Type: 3  Date :5/5/2000  Time 18:00  Description : Galaxy  Number of Notes to add: 0 | Event is added to array (confirmed with menu  2000/5/5 18:0 Galaxy  [ ] |

**Selection-6 Add notes to existing events**

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| Description | Input values | Output/Result |
| Add notes to Planner from file | Choise 5  FileName:Ass3Events.txt | Invalid Dates for some events , then shows up the rest of the good existing data |
| Add notes to existing events in Planner | Choice :6  Date :2017/2/7  Time:15:30  Note:LabDemo | Confirmed after been added  2017/2/7 15:30 CST8130Class  [ LabDemo ] |
| Add notes to unexisting event in Planner | Choice 6:  Date :2/2/200  Time:16:00 | There’s no event found .  Goes Back to main menu |
| Add notes to existing events in Planner that has notes | Choice :6  Date :2017/2/7  Time:15:30  Note:LabDesign | Confirmed after been added  2017/2/7 15:30 CST8130Class  [ LabDemo,LabDesign ] |

**Selection7-Delete Notes from Events**

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| Description | Input values | Output/Result |
| displaying notes from existing event in Planner | Choice 5->7  File:Ass3Events.txt  Date:2/2/2017  Time:18:00 | Current note for this event are:  0: NOTE1  1: NOTE2  2: NOTE3  3: NOTE4  Enter note to delete |
| Delete note from existing event in Planner | Choice 5->7  File:Ass3Events.txt  Date:2/2/2017  Time:18:00  Note to delete: 0 | Confirms with choice 2  2017/2/2 18:0 CST8130Test  [ NOTE2, NOTE3, NOTE4 ] |
| Delete note from existing event in Planner | Choice 5->7  File:Ass3Events.txt  Date:2/2/2017  Time:18:00  Note to delete: ‘abc’ | Invalid entry...Please enter the index of the note |
| Delete note from invalid note index | Choice 5->7  Date:2/2/2017  Time:18:00  Note to delete: 5 | Invalid.  Then goes back to main menu |

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| Delete note from unexisting event in Planner | Choice 5->7  File:Ass3Events.txt  Date:2/2/200  Time:18:00 | There’s no event found .  Goes Back to main menu |
| Delete note from event when Planner is empty | Choice 5->7  File:Ass3Events.txt  Date:3/3/200  Time:18:00 | There’s no event found .  Goes Back to main menu |