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| UC6 | Set preferences | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 6.1 | User selects his desired day off to be a specific day (Monday, Tuesday, Wednesday, Thursday, or Friday) from the drop down menu | The selected day is displayed as the desired day off | Pass |  |  |
| 6.2 | User selects his desired day off to be “none” from the drop down menu | “none” is displayed as the desired day off | Pass |  |  |
| 6.3 | User selects his preferred time of the day to be either “mornings”, afternoons” or “evenings” from the drop down menu | The selected preferred time of the day is displayed as the preferred time of the day | Pass |  |  |
| 6.4 | User selects his preferred time of the day to be “Any” from the drop down menu | “Any” is displayed as the preferred time of the day | Pass |  |  |

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| UC7 | Set needed courses | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 7.1 | User selects the “add class” option for the needed courses list | User is presented with a pop-up box prompting for an input of a course number or an input of a course name | Pass |  | Fixed v 1.1 |
| 7.2 | User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course number and selects “add class” | The course name corresponding to the course number is automatically generated. The pop-up box closes, and the inputted course is added to the list of needed courses | Pass |  |  |
| 7.3 | User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course name and selects “add class” | The course number corresponding to the course name is automatically generated. The pop-up box closes, and the inputted course is added to the list of needed courses | Pass |  |  |
| 7.4 | User inputs a course number or course name that conflicts with the time of another course in the list of needed courses and selects “add class” | An error message is displayed and selecting the “add class” option doesn’t do anything. | Fail |  | The check condition is not yet properly implemented |
| 7.5 | User inputs a course number or course name for which the prerequisites are not met and selects “add class” | An error message is displayed and selecting the “add class” option doesn’t do anything. | Fail |  | The check condition is not yet properly implemented |
| 7.6 | User inputs an invalid (not present in the database) course number and/or course name and selects “add class” | An error message is displayed and selecting the “add class” option doesn’t do anything. | Pass |  |  |
| 7.7 | User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course number and/or course name already in the list of needed courses and selects “add class” | An error message is displayed and selecting the “add class” option doesn’t do anything. | Pass |  |  |

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| UC8 | Delete needed courses | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 8.1 | User selects the delete icon of a course in the list of needed courses | The course is removed from the list of needed courses | Pass |  | Fixed v 1.1 |

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| UC9 | Set taken courses | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 9.1 | User selects the “add class” option for the taken courses list | User is presented with a pop-up box prompting for an input of a course number or an input of a course name | Pass |  |  |
| 9.2 | User inputs a valid (present in the database) course number and selects “add class” | The course name corresponding to the course number is automatically generated. The pop-up box closes, and the inputted course is added to the list of taken courses | Pass |  |  |
| 9.3 | User inputs a valid (present in the database) course name and selects “add class” | The course number corresponding to the course name is automatically generated. The pop-up box closes, and the inputted course is added to the list of taken courses | Pass |  |  |
| 9.4 | User inputs a valid (present in the database,) course number and/or course name already in the list of taken courses and selects “add class” | An error message is displayed and selecting the “add class” option doesn’t do anything. | Pass |  |  |

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| UC10 | Delete taken courses | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 10.1 | User selects the delete icon of a course in the list of taken courses | The course is removed from the list of taken courses | Pass |  | Fixed v 1.1 |

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| UC11 | Generate schedule | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 11.1 | User selects the “build schedule” option | User is directed to the schedule page, and multiple schedules are generated according to the preferences and needed courses. | Fail |  | The scheduling algorithm does not yet properly generate schedules according to the inputs(preferences and needed courses) given |
| 11.2 | User selects an arrow on the schedule page to see a different generated schedule | Another generated schedule is displayed on the schedule page | Pass |  | Fixed v 1.1 |
| 11.3 | User selects “select this schedule” from the schedule page | User is directed to the sequence page. The selected schedule is displayed along with the user’s course sequence | Fail |  | The user’s course sequence does not display the right data |

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| UC12 | View auto-generated list of taken courses | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 12.1 | User inputs a valid number of semesters taken (between 1 and 7) and selects “generate course list” | A pop-up asking for confirmation to generate the course list is displayed. | Pass |  |  |
| 12.2 | User selects “Yes” in the pop-up prompting for confirmation to generate the course list | The pop-up closes and courses are auto-generated and added to the list of taken courses | Pass |  |  |
| 12.3 | User selects “No” in the pop-up prompting for confirmation to generate the course list | The pop-up closes and the input to “semesters taken” is blank. | Pass |  |  |
| 12.4 | User inputs an invalid number of semesters taken (not between 1 and 7) selects “generate course list” | An error message is displayed and the “generate course list” option doesn’t do anything. | Pass |  | Fixed v 1.1 |