Test Document
for
SISCalendar
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Michael Caputo
Shawn Thompson
Organization: SIS.io
1. Introduction
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## Revision History

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<th>Name</th>
<th>Date</th>
<th>Reason For Changes</th>
<th>Version</th>
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<tr>
<td>Initial</td>
<td>10/31/13</td>
<td>First Version</td>
<td>1.0</td>
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<tr>
<td>Update</td>
<td>11/19/13</td>
<td>Added Test Cases</td>
<td>1.01</td>
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<tr>
<td>Update</td>
<td>12/1/13</td>
<td>Added G and UGG Test Cases and base test cases</td>
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</tbody>
</table>
1. Introduction

2. Testing Requirements

2.1 Types of accounts
1. Undergrad
2. Grad
3. Undergrad & Grad
4. Dubai
5. Croatia

2.2 Classification of Course Types

**Time**
1. “Normal” Classes (Graph Theory, Agile)
2. “Extended” Classes (Calculus, CS I) (More than 3 hours a week)
3. Classes that meet once a week
4. Classes that meet at different times
5. Classes that have an irregular schedule (Monday, Tuesday, Thursday)
6. Night Classes
7. Saturday/Weekend classes
8. Wellness Classes
9. Class Lasting ½ the semester

**Location**
10. Online Classes (Some or All)
11. Off campus classes (Bowling, astronomy)
12. Classes that meet in more than one place at the same time
13. Classes with a Lab component (Biology)

**Time and Location**
14. Classes that meet at different places and different times
15. Overlapping classes.

**Other**
16. Student taking 8 classes (overload 6 normal credit, a 0 or 1 credit, and a wellness)
17. Student Auditing Classes
18. Student not registered for any classes
19. Classes student has withdrawn from
20. AP Credit Classes
21. Combination of 1-15
Using the above requirements of testing, we need the specified 3 or 5 Test Accounts by 11/15/13.

3. Test Cases
This section outlines our test cases and identifies the account type that should be utilized during testing of specific test cases. The account types are abbreviated as follows:
1. Undergrad (UG)
2. Graduate (G)
3. Undergrad and Grad (UG/G)
4. Croatia (C)
5. Dubai (D).

The test cases that have been identified are as follows:
1. Undergrad student taking a graduation class online and 4 undergrad classes in person in Rochester during first semester.
2. Student taking classes in Dubai and one online class from Rochester.
3. Student taking 2 night classes, a lab class, and health class that meets once a week (ultimate frisbee)

UG

Time
1. "Normal" Classes (Graph Theory, Agile)
   a. 11747 (TR 12.5-2)
   b. 11749 (MWF 2-3)
   c. 11776 (TR 8-9.5)
   d. 10620 (TR 12.5-2)
   e. 15668 (TR 2-3.5)
   f. 15671 (MWF 12-1)
2. "Extended" Classes (Calculus, CS I) (More than 3 hours a week)
   a. 11734 (MWF 8-10)
   b. 11415 (MWF 10-12)
   c. 50329 (TR 8-2)
3. Classes that meet once a week
   a. 15408 (W 5-8)
   b. 12253 (W 11-12)
4. Classes that meet at different times
   a. 12056,12057 (M 10-11, TR 9.5-11, F 10-12)
5. Classes that have an irregular schedule (Monday, Tuesday, Thursday)
   a. 12169 (MWF2-4, R 2-3.5, R 6.5-8)
6. Night Classes
   a. 15409 (R 5-8)
7. Saturday/Weekend classes
   a. 15106 (Sa 11-12.5)
   b. 15108 (Su 11-12.5)
8. Wellness Classes
   a. 15082 (MW 10-11)
9. Class Lasting ½ the semester
   a.

Location
10. Online Classes (Some or All)
    a. 16069
11. Off campus classes (Bowling, astronomy)
    a. 15093 (T 7-8.5)
12. Classes that meet in more than one place at the same time
    a. 15073 (R 2-3.5) (3L)
13. Classes with a Lab component (Biology)
    a. 11872,11874 (TR 12.5-2, M 2-5)
    b. 13157,13158 (W 10-12, M 11-2)

Time and Location
14. Classes that meet at different places and different times
    a. 12042 (M 10-12, TR 9.5-11, W 10-11)
15. Overlapping classes.

G

Time
1. “Normal” Classes (Graph Theory, Agile)
   a. 10622 (TR 9.5-11)
   b. 10544 (TR 9.5-11)
2. “Extended” Classes (Calculus, CS I) (More than 3 hours a week)
   a.
3. Classes that meet once a week
   a. 10596 (T 6-9)
   b. 10546 (W 6-9)
4. Classes that meet at different times
   a.
5. Classes that have an irregular schedule (Monday, Tuesday, Thursday)
   a.
6. Night Classes
   a. 10625 (M 6-9)
7. Saturday/Weekend classes
   a.
8. Wellness Classes
a. N/A
9. Class Lasting ½ the semester
   a.

**Location**
10. Online Classes (Some or All)
    a. 10597
11. Off campus classes (Bowling, astronomy)
    a. N/A
12. Classes that meet in more than one place at the same time
    a.
13. Classes with a Lab component (Biology)
    a.

**Time and Location**
14. Classes that meet at different places and different times
    a.
15. Overlapping classes.

C

**Time**
1. “Normal” Classes (Graph Theory, Agile)
2. “Extended” Classes (Calculus, CS I) (More than 3 hours a week)
3. Classes that meet once a week
4. Classes that meet at different times
5. Classes that have an irregular schedule (Monday, Tuesday, Thursday)
6. Night Classes
7. Saturday/Weekend classes
8. Wellness Classes
9. Class Lasting ½ the semester

**Location**
10. Online Classes (Some or All)
11. Off campus classes (Bowling, astronomy)
12. Classes that meet in more than one place at the same time
13. Classes with a Lab component (Biology)

**Time and Location**
14. Classes that meet at different places and different times
15. Overlapping classes.

D

**Time**
1. “Normal” Classes (Graph Theory, Agile)
2. “Extended” Classes (Calculus, CS I) (More than 3 hours a week)
3. Classes that meet once a week
4. Classes that meet at different times
5. Classes that have an irregular schedule (Monday, Tuesday, Thursday)
6. Night Classes
7. Saturday/Weekend classes
8. Wellness Classes
9. Class Lasting ½ the semester

Location
10. Online Classes (Some or All)
11. Off campus classes (Bowling, astronomy)
12. Classes that meet in more than one place at the same time
13. Classes with a Lab component (Biology)

Time and Location
14. Classes that meet at different places and different times
15. Overlapping classes.

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<th>Test ID</th>
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<th>Classes</th>
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| 5 | UG Irregular, Weekend, Wellness | 12169 (MWF 2-4, R 2-3.5, R 6.5-8)  
15106 (Sa 11-12.5)  
15082 (MW 10-11)  
12253 (W 11-12)  
11747 (TR 12.5-2) |
| 6 | UG Online, Off Campus, Multiple Locations, Lab | 16069 (Online)  
15093 (T 7-8.5)  
15073 (R 2-3.5) (3L)  
11872, 11874 (TR 12.5-2, M 2-5)  
15671 (MWF 12-1) |
| 7 | UG Diff Loc & Time, Lab, Multiple Locations | 12042 (M 10-12, TR 9.5-11, W 10-11)  
11872, 11874 (TR 12.5-2, M 2-5)  
15073 (R 2-3.5) (3L)  
15671 (MWF 12-1)  
11734 (MWF 8-10) |
| 8 | UG/G Lab, Online, Normal | 13157, 13158 (W 10-12, M 11-2)  
10620 (TR 12.5-2)  
10622 (TR 9.5-11)  
10597 (Online) |
| 9 | | |
| 10 | | |