**TBPT SUITE C1 Phase**

**Adopter – Indiana University**

**Task 2.7**

**Test Plan document**

**OVERVIEW**

This document outlines the test plan and testing carried out by Indiana University in order to verify that:

1) End user requirements are met

2) The system interface is user friendly.

The goal of the test plan is to identify and report any issues that would cause a problem in the caTissue Suite workflow. Below are the list of test cases based on which the adopter testing is carried out on releases provided by the developers.

The modules tested by Indiana University are:

1. Dynamic Extensions
2. Multi-site Repository
3. Temporal Query

**REQUIREMENT TRACEABILITY MATRIX FROM TMT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement ID** | **Version** | **Component** | **Test Area** | **Test Case ID** | **Test Case Short Title** |
| DE\_UI\_end user | v1.1 | C1\_Test cases | End User DE-UI Test Case | 4720 | Workflow for creating annotations for data entry |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4668 | 01\_test case 1 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4669 | 02\_test case 2 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4670 | 03\_test case 3 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4671 | 04\_test case 4 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4672 | 05\_test case 5 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4673 | 06\_test case 6 |
| 01\_end user multirepository | v1.1 | C1\_Test cases | End User Multirepository test cases | 4674 | 07\_test case 7 |
| IU\_End User\_TQ | v1.1 | C1\_Test cases | End User Temporal Query Test Cases | 4675 | 01 test case\_TQ |
| IU\_End User\_TQ | v1.1 | C1\_Test cases | End User Temporal Query Test Cases | 4675 | 02 test case\_TQ |
| IU\_End User\_TQ | v1.1 | C1\_Test cases | End User Temporal Query Test Cases | 4675 | 03 test case\_TQ |

**Test Plan**

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| This is a TMT (Test Management Tool) generated Test Plan. To read a short note on TMT on the caBIG Best Practices SIG website, click [here](http://cabig-bpsigwiki.bioinformatics.northwestern.edu/bpsigwiki/index.php/Manual_Testing_-_Test_Management_Tool). For more details or if you find any issue with this report, please send an email to [tmt@persistent.co.in](mailto:tmt@persistent.co.in). |

[Expand All](javascript:exp_all(4);)   [Collapse All](javascript:coll_all(4);)

* [+](javascript:exp_coll(1);)   [caTissueSuite-Indiana](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_DE-UI.html#Product Name: caTissueSuite-Indiana)
  + [+](javascript:exp_coll(2);)   [v1.1](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_DE-UI.html#Version Name: caTissueSuite-Indianav1.1)
    - [+](javascript:exp_coll(3);)   [C1\_Test cases](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_DE-UI.html#Component Name: caTissueSuite-Indianav1.1C1_Test cases)
      * [+](javascript:exp_coll(4);)   [End User DE-UI Test Case](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_DE-UI.html#Test Area Name: caTissueSuite-Indianav1.1C1_Test casesEnd User DE-UI Test Case)
        + [Workflow for creating annotations for data entry u](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_DE-UI.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User DE-UI Test CaseWorkflow for creating annotations for data entry u)

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| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Test case count: Component verses Priority** | | | | | | | | | | | **Component Names** | **P1** | **P2** | **P3** | **P4** | **Total** |  |  |  |  | | v1.1 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | | C1\_Test cases | 0 | 0 | 11 | 0 | 11 |  |  |  |  | | **Column Total** | **0** | **0** | 11 | **0** | 11 |  |  |  |  | |  |

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| **Product Name: caTissueSuite-Indiana** |
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| **Version Name: v1.1** |
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| **Component Name: C1\_Test cases** |
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| **Test Area Name: End User DE-UI Test Case** |
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| **Test Case ID : 4720** |
| **Short Title :** Workflow for creating annotations for data entry u |
| **Title :** Workflow for creating annotations for data entry using DE |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User DE-UI Test Case | | **Reference** | DE\_UI\_end user | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  Workflow for creating annotations for data entry using DE  Setup:  Procedure:  1) Create a UML model Â‘Wilms Tumor 3Â’ in Enterprise Architect file.  2) Include classes:  a) Biopsy  b) Treatment  c) Metastasis Disease  d) Advanced Stage  e) Resection:  i) Right Kidney  ii) Left Kidney  f) Bilateral Disease  3) Export XMI from EA.  4) Import the XMI in caTissue Suite V1.1.C1 with restrictions on the collection protocol.  5) Create a CSV file for permissible values of all the enumerated attributes according to a specific template.  6) Run the ant command to import the permissible value CSV into caTissue Suite.  7) Create a CSV file with form definition according to a specific template. In form definition, display of data fields required on the form at the time of data entry could be specified.  8) Run the ant command to import the form definition CSV into caTissue Suite.  9) Login as an Administrator in caTissue.  10) Under the Biospecimen data tab, navigate to the CP based view.  11) Select the Collection Protocol which was restricted for the imported XMI.  12) Select the hook entity, and click on 'view annotations'.  13) Select the category form from the drop-down menu.  14) Fill in the details on the form, and click on submit.  Input/Data:  Expected Output:  1) The imported forms could be viewed under Â“local extensionsÂ” tab of caTissue.  2) After importing Â‘permissible valuesÂ’ in caTissue, a success message is displayed and the imported permissible values are added under the intended attribute, defined as per the template.  3) After importing Â‘form definitionÂ’ in caTissue, a success message is displayed.  4) Importing 'form definition' results in creation of a seperate form under the 'Biospecimen data' tab: view annotations, which is non-editable. The updates regarding the UI controls are done in this form, and not under the form imported in 'Local Extensions' submenu.  5) Submitting the form, after filling in all the required details, navigates to the window where all the available annotations are listed.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Taru Jain | **Date Entered** | 28/07/2008 | |  |  | **Date Last Update** | 29/07/2008 | |

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  + [+](javascript:exp_coll(2);)   [v1.1](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Version Name: caTissueSuite-Indianav1.1)
    - [+](javascript:exp_coll(3);)   [C1\_Test cases](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Component Name: caTissueSuite-Indianav1.1C1_Test cases)
      * [+](javascript:exp_coll(4);)   [End User Multirepository test cases](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Area Name: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases)
        + [01\_test case 1](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases01_test case 1)
        + [02\_test case 2](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases02_test case 2)
        + [03\_test case 3](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases03_test case 3)
        + [04\_test case 4](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases04_test case 4)
        + [05 test case 5](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases05 test case 5)
        + [06\_test case 6](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases06_test case 6)
        + [07 test case 7](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_MSR.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Multirepository test cases07 test case 7)
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| **Test Area Name: End User Multirepository test cases** |
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| **VITALS** |
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| **Test Case ID : 4668** |
| **Short Title :** 01\_test case 1 |
| **Title :** Creating Super-Administrator |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  Creating Super-Administrator  Setup:  Procedure:  1) Login as super-administrator.  2) Under the administrative data tab, navigate to the User submenu and click on the "ADD" link.  3) Fill in the user name as Â‘Amber McmahonÂ’.  4) Fill in rest of the mandatory fields (\* marked) with valid data, as well as other fields.  5) Assign role as Â‘Super AdministratorÂ’.  6) Click "Submit" button.  Input/Data:  Expected Output:  Status message Â“User successfully createdÂ” is displayed.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Taru Jain | **Date Entered** | 16/07/2008 | |  |  | **Date Last Update** | 16/07/2008 | |

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| **Test Case ID : 4669** |
| **Short Title :** 02\_test case 2 |
| **Title :** Create sites |

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| **VITALS** |
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| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  Create sites  Setup:  Procedure:  1) Login as Amber (super-administrator).  2) Under the Administrative Data tab, navigate to the Site submenu and click on the "ADD" link.  3) Fill in the site name as Â‘Dr. RaggÂ’s labÂ’.  4) Select site type as Â‘repositoryÂ’, from the drop-down menu.  5) Fill in rest of the mandatory fields (\* marked) with valid data, as well as other fields.  6) Click "Submit" button.  7) Similarly, create another site with name as Â‘CzaderÂ’s labÂ’, and type as Â‘repositoryÂ’.  Input/Data:  Expected Output:  Status message Â“Site successfully createdÂ” is displayed.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Taru Jain | **Date Entered** | 16/07/2008 | |  |  | **Date Last Update** | 16/07/2008 | |

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| **Test Case ID : 4670** |
| **Short Title :** 03\_test case 3 |
| **Title :** Create user |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  Create user  Setup:  Procedure:  1) Login as Amber (super-administrator).  2) Under the administrative data tab, navigate to the User submenu and click on the "ADD" link.  3) Fill in the user name as Â‘Sarita TonyÂ’.  4) Fill in rest of the mandatory fields (\* marked) with valid data, as well as other fields.  5) Assign role as Â‘Non Super AdministratorÂ’.  6) Assign Â‘Dr. RaggÂ’s labÂ’ as the site, to this user.  7) Click "Submit" button.  8) Similarly, create user Â‘BrookÂ’, having access to Â‘CzaderÂ’s labÂ’, and user Â‘MagdalenaÂ’, having access to both Â‘Dr. RaggÂ’s labÂ’ and Â‘CzaderÂ’s labÂ’.  Input/Data:  Expected Output:  Status message Â“User successfully createdÂ” is displayed.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Taru Jain | **Date Entered** | 16/07/2008 | |  |  | **Date Last Update** | 16/07/2008 | |

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| **Test Case ID : 4671** |
| **Short Title :** 04\_test case 4 |
| **Title :** Magdalena has access to all protocols under Czader lab and also the Normal Study under the Ragg Lab. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To assign Magdalena has access to all protocols under Czader lab and also the Normal Study under the Ragg Lab.  Setup:  Procedure:  Task 1:  1. Login as Amber (super-administrator).  2. Under the Administrative Data tab, navigate to the Collection Protocol submenu and click on the "ADD" link.  3. Fill in collection protocol title as Â‘Leukemia Â’, and short title as Â‘LeukemiaÂ’.  4. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  5. Click on Â“Assign PrivilegesÂ” button.  6. Under the Â“Assign PrivilegesÂ” window that comes up, assign:  7. Site: Â‘CzaderÂ’s labÂ’.  8. User: Â‘MagdalenaÂ’.  9. Site user role: Â‘AdministratorÂ’.  10. Actions: all administrative privileges.  11. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  12. Click on Â“Add ConsentsÂ” button.  13. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  14. Click on 'Define Events' button.  15. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  16. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  17. Similarly, new event or new specimen to the same event can be added, if necessary.  18. Click on 'View Summary' button.  19. Click on the 'Save Protocol' button.  Task 2:  20. Add one more protocol Â‘Pathology1Â’ under czaderÂ’s site.  21. Fill in collection protocol title as Â‘pathology 1 Â’, and short title as Â‘path 1Â’.  22. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  23. Click on Â“Assign PrivilegesÂ” button.  24. Under the Â“Assign PrivilegesÂ” window that comes up, assign:  25. Site: Â‘CzaderÂ’s labÂ’.  26. User: Â‘MagdalenaÂ’.  27. Site user role: Â‘AdministratorÂ’.  28. Actions: all administrative privileges.  29. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  30. Click on Â“Add ConsentsÂ” button.  31. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  32. Click on 'Define Events' button.  33. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  34. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  35. Similarly, new event or new specimen to the same event can be added, if necessary.  36. Click on 'View Summary' button.  37. Click on the 'Save Protocol' button.  Task 3:  38. Fill in collection protocol title as Â‘CogosteoÂ’, and short title as Â‘cogosteo\_raggÂ’ under raggÂ’s lab.  39. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  40. Click on Â“Assign PrivilegesÂ” button.  41. Site: Â‘Dr RaggÂ’s labÂ’.  42. User: Â‘MagdalenaÂ’.  43. Site user role: Â‘tecnicianÂ’.  44. Actions: Â‘specimen processingÂ’.  45. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  46. Click on Â‘CloseÂ’.  47. Click on Â“Add ConsentsÂ” button.  48. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  49. Click on 'Define Events' button.  50. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  51. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  52. Similarly, new event or new specimen to the same event can be added, if necessary.  53. Click on 'View Summary' button.  54. Click on the 'Save Protocol' button.  Task 4:  1. Login as Â‘MagdalenaÂ’.  2. Go to Collection Protocol based view.  3. Try to access administrative data.  4. In the drop down list, find listed the protocols.  Input/Data:  Expected Output:  1. Successful assigning of the roles and actions to Â‘MagdalenaÂ’.  2. The collection protocols are successfully created.  3. When logged in as Â‘MagdalenaÂ’ and the admin data is accessed then an error message is displayed Â“Access denied: You are not authorized to perform this operation.Â”  5. In the Collection protocol view, the protocols to which Â‘MagdalenaÂ’ is assigned as administrator are listed including Leukamia and Pathology1 not the ones for which technichian role ia assigned.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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| **Test Case ID : 4672** |
| **Short Title :** 05 test case 5 |
| **Title :** Sarita has admin access to all Ragg Lab protocols and has technician role access to CzaderÂ’s lab protocols. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To assing : Sarita has admin access to all Ragg Lab protocols and has technician role access to CzaderÂ’s lab protocols.  Setup:  Procedure:  Task 1:  1. Login as Amber (super-administrator).  2. Under the Administrative Data tab, navigate to the Collection Protocol submenu and click on the "ADD" link.  3. Fill in collection protocol title as Â‘Normal Â’, and short title as Â‘normalÂ’.  4. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  5. Click on Â“Assign PrivilegesÂ” button.  6. Under the Â“Assign PrivilegesÂ” window that comes up, assign:  7. Site: Â‘RaggsÂ’s labÂ’.  8. User: Â‘SaritaÂ’.  9. Site user role: Â‘AdministratorÂ’.  10. Actions: all administrative privileges.  11. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  12. Click on Â“Add ConsentsÂ” button.  13. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  14. Click on 'Define Events' button.  15. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  16. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  17. Similarly, new event or new specimen to the same event can be added, if necessary.  18. Click on 'View Summary' button.  19. Click on the 'Save Protocol' button.  Task 2:  20. Add one more protocol Â‘pathology\_2Â’ under RaggÂ’s lab.  21. Fill in collection protocol title as Â‘pathology\_2Â’, and short title as Â‘path\_2Â’.  22. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  23. Click on Â“Assign PrivilegesÂ” button.  24. Under the Â“Assign PrivilegesÂ” window that comes up, assign:  25. Site: Â‘RaggÂ’s lab.  26. User: Â‘SaritaÂ’.  27. Site user role: Â‘AdministratorÂ’.  28. Actions: all administrative privileges.  29. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  30. Click on Â“Add ConsentsÂ” button.  31. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  32. Click on 'Define Events' button.  33. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  34. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  35. Similarly, new event or new specimen to the same event can be added, if necessary.  36. Click on 'View Summary' button.  37. Click on the 'Save Protocol' button.  Task 3:  55. Fill in collection protocol title as Â‘prot\_1\_CzaderÂ’, and short title as Â‘ptot\_CzaderÂ’ under CzaderÂ’s lab.  56. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  57. Click on Â“Assign PrivilegesÂ” button.  58. Site: Â‘CzaderÂ’s labÂ’.  59. User: Â‘SaritaÂ’.  60. Site user role: Â‘tecnicianÂ’.  61. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  62. Click on Â‘CloseÂ’.  63. Click on Â“Add ConsentsÂ” button.  64. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  65. Click on 'Define Events' button.  66. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  67. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  68. Similarly, new event or new specimen to the same event can be added, if necessary.  69. Click on 'View Summary' button.  70. Click on the 'Save Protocol' button.  Task 4:  1. Login as Â‘saritaÂ’.  2. Go to Collection Protocol based view.  3. Try to access any admin data.  4. In the drop down list, find listed the protocols.  Input/Data:  Expected Output:  1. Successful assigning of the roles and actions to Â‘saritaÂ’.  2. The collection protocols are successfully created.  3. When logged in as Â‘SaritaÂ’ and the admin data is accessed then an error message is displayed Â“Access denied: You are not authorized to perform this operation.Â”  4. In the Collection protocol view, the protocols to which Â‘saritaÂ’ is assigned as administrator are not listed.  5. The action performed by the technician without PHI Access is not clraly understood.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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| **Test Case ID : 4673** |
| **Short Title :** 06\_test case 6 |
| **Title :** Magdalena (mag\_sci@uniind.edu) has scientist role/rights to Ragg Lab protocols. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To assign Magdalena (mag\_sci@uniind.edu) has scientist role/rights to Ragg Lab protocols.  Setup:  Procedure:  1. Login as Amber (super-administrator).  2. Under the Administrative Data tab, navigate to the Collection Protocol submenu and click on the "ADD" link.  3. Fill in collection protocol title as Â‘Collection protocol 14Â’, and short title as Â‘cp14\_raggÂ’.  4. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  5. Click on Â“Assign PrivilegesÂ” button.  6. Site: Â‘Dr RaggÂ’s labÂ’.  7. User: Â‘MagdalenaÂ’.  8. Site user role: Â‘scientistÂ’.  9. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  10. Click on Â‘CloseÂ’.  11. Click on Â“Add ConsentsÂ” button.  12. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  13. Click on 'Define Events' button.  14. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  15. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  16. Similarly, new event or new specimen to the same event can be added, if necessary.  17. Click on 'View Summary' button.  18. Click on the 'Save Protocol' button.  Task 2:  1. Login as Â‘MagdalenaÂ’.  2. Go to Collection Protocol based view.  3. In the drop down list, find listed the protocols.  4. No access to any admin data or Biospecimen data.  5. Click on search menu.  Input/Data:  Expected Output:  1. Successful assigning of the roles and actions to Â‘MagdalenaÂ’.  2. The collection protocols are successfully created.  3. When logged in as Â‘MagdalenaÂ’ and the admin data is accessed then an error message is displayed Â“Access denied: You are not authorized to perform this operation.Â”  4. No collection protocols are listed in the drop down menu.  5. Search can be performed but the data cannot be edited.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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| **Test Case ID : 4674** |
| **Short Title :** 07 test case 7 |
| **Title :** Sarita(new\_sci@uniind.edu) can see what type of specimens are under Czader lab protocols but canÂ’t change/edit the information. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Multirepository test cases | | **Reference** | 01\_end user multirepository | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To create an user Sarita(new\_sci@uniind.edu) that can see what type of specimens are under Czader lab protocols but canÂ’t change/edit the information.  Setup:  Procedure:  1. Login as Amber (super-administrator).  2. Under the Administrative Data tab, navigate to the Collection Protocol submenu and click on the "ADD" link.  3. Fill in collection protocol title as Â‘Collection protocol 15Â’, and short title as Â‘cp15\_czaderÂ’.  4. Fill in rest the mandatory fields (\* marked) with valid data, as well as other fields.  5. Click on Â“Assign PrivilegesÂ” button.  6. Site: Â‘CzaderÂ’s labÂ’.  7. User: Â‘saritaÂ’.  8. Site user role: Â‘scientistÂ’.  9. Click on Â‘AddÂ’, the assigned privileges are displayed under the Â‘User Privileges SummaryÂ”.  10. Click on Â‘CloseÂ’.  11. Click on Â“Add ConsentsÂ” button.  12. Type in the URL or add the Consent Statements, if available [not mandatory]. 'Add More' button can be used to add more than one statement.  13. Click on 'Define Events' button.  14. Fill in the mandatory fields in the Define Events form and click on 'Add Specimen Requirements' button.  15. Fill in the necessary specimen requirements, Aliquots and Derivatives [If required] and click on 'Save Specimen Requirements' button.  16. Similarly, new event or new specimen to the same event can be added, if necessary.  17. Click on 'View Summary' button.  18. Click on the 'Save Protocol' button.  Task 2:  1. Login as Â‘SaritaÂ’.  2. Go to Collection Protocol based view.  3. In the drop down list, find listed the protocols.  4. No access to any admin data or Biospecimen data.  5. Click on search menu and try to perform simple and advanced search.  Input/Data:  Expected Output:  1. Successful assigning of the roles and actions to Â‘SaritaÂ’.  2. The collection protocols are successfully created.  3. When logged in as Â‘SaritaÂ’ and the admin data is accessed then an error message is displayed Â“Access denied: You are not authorized to perform this operation.Â”  4. No collection protocols are listed in the drop down menu.  5. Search can be performed .  6. The participant health information cannot be accessed and the accessed data cannot be edited.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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[Expand All](javascript:exp_all(4);)   [Collapse All](javascript:coll_all(4);)

* [+](javascript:exp_coll(1);)   [caTissueSuite-Indiana](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Product Name: caTissueSuite-Indiana)
  + [+](javascript:exp_coll(2);)   [v1.1](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Version Name: caTissueSuite-Indianav1.1)
    - [+](javascript:exp_coll(3);)   [C1\_Test cases](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Component Name: caTissueSuite-Indianav1.1C1_Test cases)
      * [+](javascript:exp_coll(4);)   [End User Temporal Query Test Cases](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Test Area Name: caTissueSuite-Indianav1.1C1_Test casesEnd User Temporal Query Test Cases)
        + [01 test case\_TQ](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Temporal Query Test Cases01 test case_TQ)
        + [02 test case\_TQ](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Temporal Query Test Cases02 test case_TQ)
        + [03 test case \_TQ](file:///D:\caTissue\suite%20v1.1.C2\test%20plan\exportfile_TQ.html#Test Case ID: caTissueSuite-Indianav1.1C1_Test casesEnd User Temporal Query Test Cases03 test case _TQ)
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| **Test Area Name: End User Temporal Query Test Cases** |
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| **VITALS** |
| |  |  | | --- | --- | | **Reference** |  | |
| **DESCRIPTION** |
| |  | | --- | |  | |

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| **Test Case ID : 4675** |
| **Short Title :** 01 test case\_TQ |
| **Title :** Samples of patients below 3 years of age at diagnosis (or sample collection); between 3-5 years at diagnosis; older than 5 years at diagnosis. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Temporal Query Test Cases | | **Reference** | IU\_End User \_TQ | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To find Samples of patients below 3 years of age at diagnosis (or sample collection); between 3-5 years at diagnosis; older than 5 years at diagnosis.  Setup:  Procedure:  1. Login as Â“admin/supervisor/technicianÂ”.  2. Go to search tab and click on the Â‘Advanced Â‘ in the search menu .  3. In the left panel type the object as participant and search for it.  4. Now in the right panel add the rules for the Â“participant Â“; ID Â–Â“ Is Not NullÂ”.  5. The object appears in the DAG view.  6. Add the second object,Â” Specimen Collection GroupÂ” with rule ; ID Â–Â“ Is Not NullÂ”.  7. Similarly, another object that is Â“SpecimenÂ” with rule ; ID- Â“Is Not NullÂ”.  8. Another object Â“Collection Event Parameters Â“with rule; ID- Â“Is Not NullÂ” is added.  9. Now in the DAG view selecting two nodes at a time links are added between the following pairs:Participant Â– Specimen Collection Group, Specimen Collection Group Â– Specimen, Specimen Â– Collection Event parameters.  10. Form a Temporal Query between Collection Event Parameters, and Participant (by first selecting Collection Event Parameters and then Participant).  11. A temporal query popup will appear.  12. Select the time stamp from the Collection event Parameters, Â“-Â“ operator from the second drop down, the Birth Date of participant from third drop down, the logical operatorÂ” Less than or equal to Â” from forth drop down,3 as the time value in the fifth text area and years in time interval text area.  13. Click on Â“nextÂ” button.  14. The results view can be defined on this page.  15. Click on Â“NextÂ” to execute the query.  Input/Data:  The participants with age less than 3 years of age will be listed.  Expected Output:  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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| **Test Case ID : 4676** |
| **Short Title :** 02 test case\_TQ |
| **Title :** Sample that is more than one year after end of therapy. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Temporal Query Test Cases | | **Reference** | IU\_End User \_TQ | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To find Sample that is more than one year after end of therapy.  Setup:  Procedure:  1) Login as administrator/supervisor/technician.  2) Under the Search tab, navigate to Advanced Query.  3) Select entity Â‘participantÂ’, and under Â‘define limitsÂ’, mark Id Â‘Is Not NullÂ’.  4) Select entity Â‘Specimen Collection GroupÂ’, and mark activity clinical status in Â‘Pre-therapyÂ’.  5) Link participant with the specimen collection group.  6) Select entity Â‘Specimen Collection GroupÂ’, and mark activity clinical status in Â‘Post-therapyÂ’.  7) Link participant with the specimen collection group.  8) Select entity Â‘Collection Event ParameterÂ’, and under Â‘define limitsÂ’, mark Id Â‘Is Not NullÂ’.  9) Link Collection Event Parameter with the specimen collection group (Clinical Status Â– Pre-Therapy).  10) Select entity Â‘Collection Event ParameterÂ’, and under Â‘define limitsÂ’, mark Id Â‘Is Not NullÂ’.  11) Link Collection Event Parameter with the specimen collection group (Clinical Status Â– Post-Therapy).  12) Select Â‘Collection Event Parameter (linked to SCG Â– post therapy)Â’ and then Â‘Collection Event Parameter (linked to SCG Â– pre therapy)Â’, and click on Temporal Query.  13) Give the condition: CollectionEventParameter (timestamp) - CollectionEventParameter (timestamp) > 1 year.  14) Click Â‘OKÂ’  15) Click on Â‘SearchÂ’.  Input/Data:  Expected Output:  The search result displays all the samples that are more than 1 year after end of therapy.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Taru Jain | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 27/07/2008 | |

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| **Test Case ID : 4677** |
| **Short Title :** 03 test case \_TQ |
| **Title :** Participants enrolled in new study, of age less than or equal to 3. |

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| **VITALS** |
| |  |  |  |  | | --- | --- | --- | --- | | **Product** | caTissueSuite-Indiana | | | | **Component** | C1\_Test cases | **Test Area** | End User Temporal Query Test Cases | | **Reference** | IU\_End User \_TQ | **Priority** | P3 | |
| **DESCRIPTION** |
| |  |  |  |  | | --- | --- | --- | --- | | Purpose:  To find Participants enrolled in new study, of age less than or equal to 3.  Setup:  Procedure:  1. Login as Â“admin/supervisor/technicianÂ”.  2. Go to search tab and click on the Â‘Advanced Â‘in the search menu.  3. In the left panel type the object as participant and search for it.  4. Now in the right panel add the rules for the Â“participant Â“; ID Â–Â“ Is Not NullÂ”.  5. The object appears in the DAG view.  6. The second object,Â” Collection Protocol RegistrationÂ” with rule ; ID Â–Â“ Is Not NullÂ”.  7. Now in the DAG view selecting the two nodes inks are added between Participant and Collection Protocol Registration.  8. Form a Temporal Query between Participant and Collection Protocol Registration (by first selecting Collection Protocol Registration and then Participant).  9. A temporal query popup will appear.  10. Select the registration date of collection protocol from first drop down, Â“-Â“ operator from the second drop down, the Birth Date of participant from third drop down, the logical operatorÂ” Less than or equal to Â” from forth drop down,3 as the time value in the fifth text area and years in time interval text area.  11. Click on Â“nextÂ” button.  12. The results view can be defined on this page.  13. Click on Â“NextÂ” to execute the query.  Input/Data:  Expected Output:  The search result displays all the participants of age less than or equal to 3, those were enrolled in a new study.  Verification Logic: | | | | | **Mode of Execution** | Manual | **Verification Logic** | UI | | **Author** | Rachita Yadav | **Date Entered** | 17/07/2008 | |  |  | **Date Last Update** | 17/07/2008 | |

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* **TESTER:**
* Komal Gulati, Taru Jain and Rachita Yadav.
* **TESTING PROCESS:**
* **Sample workflow testing**
* The end users will perform “mock” workflow activities that mirror the workflow of the TTAB. These test cases will be a step by step walkthrough of the specific activities caTISSUE Suite must support in order to meet the needs of the end users at Indiana.
* **BUG REPORTING:**
* All issues and bugs are reported in Bugzilla. All test cases and test case results are be posted in the TMT.
* Several calls are held with the end users to understand the workflow and mimic it in caTissue Suite. A demo for the same is then given to the end users and their comments on the same are tracked.