***DataPlus Module Test Script***

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| **Installation and upgrade** |  |
| IU01 DataPlus installs with Moodle into empty database with no errors | Admin |
| IU02 DataPlus installs into a Moodle 2.0 clean install with no errors | Admin |
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| **Setting up a module instance** |  |
| SMI01 Add the module to a Moodle course without changing any of the defaults. | Admin |
| SMI02 Configure a DataPlus database by clicking on ‘setup database’ and add four text fields to the database using the form. | Admin |
| SMI03 Using a fresh instance of DataPlus, setup the database by using ‘import DataPlus database’ and uploading a pre-existing DataPlus instance | Admin |
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| **Manage DataPlus Database** |  |
| MDD01 Use the manage form to add a one line text field to the database | Admin |
| MDD02 Use the manage form to add a multiple line text field to the database | Admin |
| MDD03 Use the manage form to add a date field to the database | Admin |
| MDD04 Use the manage form to add a date/time field to the database | Admin |
| MDD05 Use the manage form to add a number field to the database | Admin |
| MDD06 Use the manage form to add an image field to the database | Admin |
| MDD07 Use the manage form to add a File field to the database | Admin |
| MDD08 Use the manage form to add a URL field to the database | Admin |
| MDD09 Use the manage form to add a true/false field to the database | Admin |
| MDD10 Use the manage form to add a menu field, allowing multiple selections, to the database. Specify options using the options box. | Admin |
| MDD11 Use the manage form to add a menu field, not allowing multiple selections, to the database. Specify options using the options box. | Admin |
| MDD12 Delete a one line text field from the database | Admin |
| MDD13 Delete an image field from the database | Admin |
| MDD14 Edit the name of one-line text field | Admin |
| MDD15 Edit the options of a menu field | Admin |
| MDD16 Switch a menu field from allowing multiple selections to not allowing them | Admin |
| MDD17 Change the type of a one-line text field to image | Admin |
| MDD18 Change the type of an image to a one-line text field | Admin |
| MDD19 Add a record to the database. Selection manage database>clear data and empty the user data from the database (the structure of the database should remain intact). | Admin |
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| **Add Record** | |
| ARD01 Add a record, including every field type to the database using the add record form | User |
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| *It will be helpful to design a database that includes all the different field types add some data to your database for the rest of the testing including every field type in your test database.* | |
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| **Templates** | |
| *Test each template change by looking at it on the view, single record or add record screens* | |
| TDP01 Use the left hand menu to add an extra field to the view template (it can be a duplicate of one that is already there). | Admin |
| TDP02 Remove a field from the view template by removing it from the record box | Admin |
| TDP03 Add some text to the header using the header box | Admin |
| TDP04 Add some text to the footer using the footer box | Admin |
| TDP05 Add .record\_template {background-color:#cccccc} to the CSS box. The records should turn grey. | Admin |
| TDP06 Add function doalert(){alert(‘working!’);} to the JavaScript box | Admin |
| TDP07 Add <input type="button" value=”click” onclick=”doalert()”/> to the record box | Admin |
| TDP08 Add alert(‘working!’); to the js\_init box | Admin |
| TDP09 Use the sort options to sort the way results are presented using a template | Admin |
| TDP10 Use the reset template button to return to the default template | Admin |
| TDP11 Add a more link to the record box using the option on the left menu | Admin |
| TDP12 Add a record count to the record box using the option on the left menu | Admin |
| TDP 13-22 repeat TDP01-10 on the single record template | Admin |
| TDP23 Remove a field from the view template by removing it from the record box | Admin |
| TDP24 Use the left hand menu to add an extra field to the add record template | Admin |
| TDP25 Add . div.fitemtitle label {background-color:#cccccc} }to the CSS box. The field labels should turn grey. | Admin |
| TDP26 Add function doalert(){alert(‘working!’);} to the JavaScript box | Admin |
| TDP27 Add <input type="button" value=”click” onclick=”doalert()”/> to the record box | Admin |
| TDP28 Add alert(‘working!’); to the js\_init box | Admin |
| TDP29 Use the reset template button to return to the default template | Admin |
| TDP30 add Smarty tag to the view template and test it | Admin |
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| **View** | |
| VDP01 Use the view screen to look at some records in the database | User |
| VDP02 Use the page numbers to navigate between pages | User |
| VDP03 Use the previous link to navigate | User |
| VDP04 Use the next link to navigate | User |
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| **Single Record** | |
| SRP01 Use the single record screen to look at the first record in the database | User |
| SRP02 Use the page numbers to navigate between records | User |
| SRP03 Use the previous link to navigate | User |
| SRP04 Use the next link to navigate | User |
| SRP05 Use the first link to navigate | User |
| SRP06 Use the last link to navigate | User |
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| **Comments** | User |
| CDP01 Go to single record view and add a new comment to a record | User |
| CDP02 Edit the comment | User |
| CDP03 Delete a comment | User |
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| **Search** |  |
| SDP01 Perform a simple search based on a one-line text field | User |
| SDP02 Perform a simple search based on a multiple-line text field | User |
| SDP03 Perform a simple search based on a date field | User |
| SDP04 Perform a simple search based on a date/time field | User |
| SDP05 Perform a simple search based on a number field | User |
| SDP06 Perform a simple search based on an image field | User |
| SDP07 Perform a simple search based on a URL field | User |
| SDP08 Perform a simple search based on a true/false field | User |
| SDP09 Perform a simple search based on a field allowing multiple selections | User |
| SDP10 Perform a simple search based on a field allowing multiple selections | User |
| SDP11 Perform an advanced search based on a text field trying the different options | User |
| SDP12 Perform and advanced search based on a number field using less than, equals, greater than options | User |
| SDP13 Perform an advanced search with 3 levels of sort | User |
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| **Edit a Record** | |
| ERD01 Select a record from the view screen and edit it. Change one example of every field type. | User |
| ERD02 Select a record from a search result, edit it and return to the search results | User |
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| **Delete a Record** | |
| DDP01 Select a record from the view screen and delete it | User |
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| **Export** | |
| EDP01 Export the database in SQLite form and look at it in an SQLite client | User |
| EDP02 Export the database in CSV format and view it in Excel | User |
| EDP03 Export a fully compatible DataPlus database and download it | Admin |
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| **Import** | |
| IDP01 Import an exported full DataPlus database created in Moodle 2 | Admin |
| IDP02 Import an exported full DataPlus database created in Moodle 1.9 | Admin |
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| **Module Settings** | |
| MSD01 Enable ‘available from’ and set a date in the future. Check DataPlus is inaccessible to students | Admin |
| MSD02 Enable ‘available to’ and set a date in the past. Check DataPlus is inaccessible to students | Admin |
| MSD03 Set ‘required entries’ to three. Check that a student sees a message telling them three entries is required until they have entered three. | Admin |
| MSD04 Set ‘entries required before viewing’ to four. Check that a student cannot see other records until they’ve made four entries | Admin |
| MSD05 Set ‘maximum entries’ to five. Check that no more than five entries can be entered in the database. | Admin |
| MSD06 Set ‘maximum entries per user’ to six. Check that no user can add more than six entries | Admin |
| MSD07 Set ‘allow comments’ to no. Check that users cannot comment on records | Admin |
| MSD08 Change the ‘view tab label’ | Admin |
| MSD09 Change the ‘single record tab label’ | Admin |
| MSD10 Change the ‘search tab label’ | Admin |
| MSD11 Change the ‘add record tab label’ | Admin |
| MSD12 Change the ‘export tab label’ | Admin |
| MSD13 Change the ‘add button tab label’ | Admin |
| MSD14 Use ‘view tab visible’ to hide the view tab | Admin |
| MSD15 Use ‘single record tab visible’ to hide the single record tab | Admin |
| MSD16 Use ‘search tab visible’ to hide the search tab | Admin |
| MSD17 Use ‘add record tab visible’ to hide the add record tab | Admin |
| MSD18 Use ‘export tab visible’ to hide the export tab | Admin |
| MSD19 Change the ‘navigation limit’ to three, make sure no more than three page numbers are shown in navigation | Admin |
| MSD20 Change ‘number of entries per page’ to three and check only three entries appear on each page in ‘view’ | Admin |
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| **Groupings** | Admin |
| GPD01 Switch to visible groups, the groups menu should appear | Admin |
| GDP02 Add a record to all groups, switch groups and make sure it still appears | Admin |
| GDP03 Add a record to one group, make sure it is only visible to that group | Admin |
| GDP04 Create a template for a group. Make sure it is only visible to that group | Admin |
| GDP05 Edit the ‘all groups’ template. Make sure it is visible to groups without a template | Admin |
| GDP06 Set an instance to ‘separate groups’. Make sure a record can be added to different groups and that the groups menu is hidden from non-admin users. | Admin |
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| **Permissions** | Admin |
| PER01 Give an additional role the right to edit the database structure. Check that users with that role can change the database | Admin |
| PER02 Remove the student role from ‘Edit others database records’. Make sure a student cannot edit records created by other users. | Admin |
| PER03 Remove the student role from ‘Edit own database records’. Make sure a student cannot edit records they’ve created. | Admin |
| PER04 Give an additional role the ‘Download database’ permission. Check that the download full database option is available on the export screen and works | Admin |
| PER05 Remove the student role from ‘View database’. Make sure a student cannot view the database. | Admin |