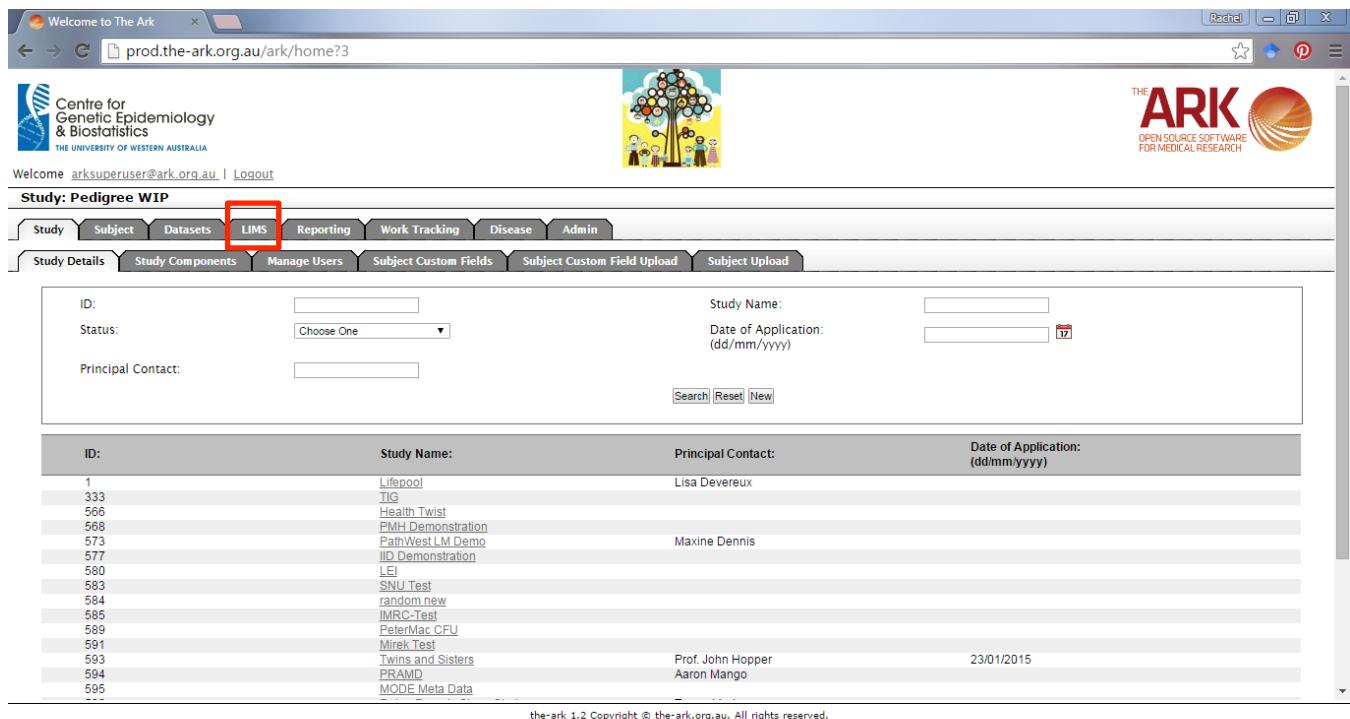


The Ark Documentation.

Inventory.

Log in and select your study.

Once you have chosen your study we will see the following functions. Click the LIMS function in the top row.



The screenshot shows a web-based application for managing studies. At the top, there's a navigation bar with tabs: Study, Subject, Datasets, **LIMS**, Reporting, Work Tracking, Disease, and Admin. The LIMS tab is highlighted with a red box. Below the navigation bar, there are several input fields: ID (with value 1), Status (dropdown menu with 'Choose One'), Study Name (empty input field), Date of Application (empty input field with a calendar icon), and Principal Contact (empty input field). There are also buttons for Search, Reset, and New. A large table below lists study details. The columns are ID, Study Name, Principal Contact, and Date of Application (dd/mm/yyyy). The table contains approximately 20 rows of study information. The first few rows include: ID 1 (Study Name Lifepool, Principal Contact Lisa Devereux); ID 333 (Study Name TIG); ID 566 (Study Name Health Twist); ID 568 (Study Name PMH Demonstration); ID 573 (Study Name PathWestLM Demo); ID 577 (Study Name IID Demonstration); ID 580 (Study Name LEI); ID 583 (Study Name SNU Test); ID 584 (Study Name random new); ID 585 (Study Name IMRC-Test); ID 589 (Study Name PeterMac CFU); ID 591 (Study Name Mirek Test); ID 593 (Study Name Twins and Sisters); ID 594 (Study Name PRAMD); ID 595 (Study Name MODE Meta Data). The last row shows Prof. John Hopper and Aaron Mango as contacts for study 591, with a date of 23/01/2015.

ID:	Study Name:	Principal Contact:	Date of Application: (dd/mm/yyyy)
1	Lifepool	Lisa Devereux	
333	TIG		
566	Health Twist		
568	PMH Demonstration		
573	PathWestLM Demo		
577	IID Demonstration	Maxine Dennis	
580	LEI		
583	SNU Test		
584	random new		
585	IMRC-Test		
589	PeterMac CFU		
591	Mirek Test	Prof. John Hopper	23/01/2015
593	Twins and Sisters	Aaron Mango	
594	PRAMD		
595	MODE Meta Data		

The following page will appear. You are already on the Inventory function.

This screenshot shows the 'Inventory' tab selected in the top navigation bar of The Ark software. The interface includes a header with the Centre for Genetic Epidemiology & Biostatistics logo and the THE UNIVERSITY OF WESTERN AUSTRALIA text, along with a colorful tree icon. On the left, there's a sidebar with links for 'Add Site', 'Add Rack', 'Enable All Empty Cells', and a link to 'Unimelb'. The main content area contains several tabs: Study, Subject, Datasets, LIMS, Reporting, Work Tracking, Disease, Admin, Inventory, Biospecimen Upload, Collection Custom Fields, Biospecimen Custom Fields, Barcode Labels, Collection Custom Field Upload, and Biospecimen Custom Field Upload. The 'Inventory' tab is currently active.

Click Add Site to add a new biospecimen storage site.

This screenshot is identical to the one above, but the 'Add Site' button in the sidebar has been highlighted with a red box. This visual cue indicates that the user should click this button to proceed with adding a new biospecimen storage site.

The following page will appear.

This screenshot shows the 'Site' configuration page in The Ark software. The top navigation bar includes links for 'Study', 'Subject', 'Datasets', 'LIMS', 'Reporting', 'Work Tracking', 'Disease', and 'Admin'. Below this, a sub-navigation bar shows 'Inventory', 'Biospecimen Upload', 'Collection Custom Fields', 'Biospecimen Custom Fields', 'Barcode Labels', 'Collection Custom Field Upload', and 'Biospecimen Custom Field Upload'. On the left, there's a sidebar with buttons for 'Add Site', 'Add Freezer', 'Add Rack', 'Add Box', and 'Enable All Empty Cells', along with a link to 'Unimelb'. The main form area is titled 'Site:' and contains fields for 'ID', 'Name', 'Address', 'Phone', 'Studies', 'Contact', and 'Save'/'Cancel' buttons. A large 'Available' section lists studies like Lifepool, TIG, Health Twist, PMH Demonstration, PathWest LM Demo, and IID Demonstration. An 'Selected' section currently contains 'TIG'. A 'Save' button is highlighted with a red box.

Fill in the name, address and phone information for the new site. Select an available study from the list and move to the selected side by clicking on the arrow. When you are finished, click Save.

This screenshot is identical to the previous one, showing the 'Site' configuration page in The Ark software. The 'Available' section of the study list has been modified. The 'TIG' study is now highlighted with a red box, indicating it has been selected. The 'Save' button at the bottom of the form is also highlighted with a red box.

Once you have saved the new site, an option will appear at the bottom of the page to add a new freezer.

To add a New Freezer, click this button at the bottom of the screen (or on the left of the screen.)

The screenshot shows the Ark software interface. At the top, there's a navigation bar with links like 'Welcome to The Ark', 'prod.the-ark.org.au/ark/home?2', and various university and external links. The main header includes the 'Centre for Genetic Epidemiology & Biostatistics' logo and 'THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH' logo. Below the header, the 'Study: Pedigree WIP Subject UID: 999' is displayed. A toolbar below shows tabs for 'Study', 'Subject', 'Datasets', 'LIMS', 'Reporting', 'Work Tracking', 'Disease', and 'Admin'. Under 'Admin', the 'Inventory' tab is selected, showing sub-options like 'Add Site', 'Add Rack', 'Enable All Empty Cells', 'Unimelb', and 'Hospital A'. A red box highlights the 'Add Freezer' button. The main content area shows a success message: 'Site Hospital A was created successfully'. It contains fields for 'ID' (set to 26), 'Studies' (with options like Lifepool, TIG, Health Twink, PMH Demonstration, PathWest LM Demo), 'Name' (Hospital A), 'Address' (1 Hospital Ave, Perth), 'Contact' (empty), 'Phone' (empty), and a 'Save' button. A red box highlights the 'Add Freezer' button again at the bottom right of the form.

The following page will appear.

This screenshot shows the Ark software interface after adding a new freezer. The layout is identical to the previous screenshot, with the same header, navigation bar, and study details. The 'Inventory' tab is selected under 'Admin'. The 'Add Freezer' button is highlighted with a red box. The main content area displays a success message: 'Site Hospital A was updated successfully'. It contains fields for 'Freezer': 'ID' (empty), 'Name' (Hospital A), 'Site' (selected as Hospital A), 'Capacity' (empty), 'Description' (empty), 'Last Service Date' (empty), 'Commission Date' (empty), 'Available' (empty), 'Last Service Note' (empty), and 'Decommission Date' (empty). A 'Save' button is at the bottom left, and an 'Add Rack' button is at the bottom right. A red box highlights the 'Add Rack' button.

Fill in the details for the new freezer including name, site, and capacity. When you have finished, click Save.

The screenshot shows the Ark software interface for creating a new freezer. The top navigation bar includes links for Welcome to The Ark, prod.the-ark.org.au/ark/home?22, and various UWA and external services. The main header displays the Centre for Genetic Epidemiology & Biostatistics logo and THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH logo. The page title is Study: Pedigree WIP Subject UID: 999. The navigation menu includes Study, Subject, Datasets, LIMS, Reporting, Work Tracking, Disease, Admin, Inventory, Biospecimen Upload, Collection Custom Fields, Biospecimen Custom Fields, Barcode Labels, Collection Custom Field Upload, and Biospecimen Custom Field Upload. A success message "Freezer Freezer B was created successfully" is displayed above the form. The form fields for a new freezer include:

ID:	67
Name:	Freezer B *
Site:	Hospital A *
Capacity:	20 *
Description:	(empty)
Last Service Date:	(empty) <input type="button" value="17"/>
Last Service Note:	(empty)
Commission Date:	(empty) <input type="button" value="17"/>
Decommission Date:	(empty) <input type="button" value="17"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/> <input type="button" value="Delete"/>	

A red box highlights the "Save" button. Below the form is a link "Add Rack".

To add a new storage rack to the freezer, select Add Rack.

This screenshot is identical to the previous one, showing the creation of a new freezer. However, the "Add Rack" button in the sidebar has been highlighted with a red box. The rest of the interface and the success message are the same.

The following page will appear.

Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Rack:

ID:

Name: *

Freezer: *

Capacity:

Description:

Available:

Save Cancel

Add Box

the-ark 1.2 Copyright © the-ark.org.au. All rights reserved.

Fill in the details for the new rack. You can select the site and freezer from the drop-down menu. When you have finished, click Save.

Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Rack:

ID:

Name: *

Freezer: *

Capacity:

Description:

Available:

Save Cancel

Add Box

the-ark 1.2 Copyright © the-ark.org.au. All rights reserved.

Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Rachel

Apps Bookmarks Google Webmail UWA Staff Email GRS ehealth Fitbit UWA library Google Scholar Twitter Google Drive Freedcamp UWA Blackboard Other bookmarks

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

» Rack Box C was created successfully

Rack:

ID:	341		
Name:	Box C *		
Freezer:	Hospital A > Freezer B *		
Capacity:	100	Available:	100
Description:			

Save Cancel Delete

Add Box

the-ark 1.2 Copyright © the-ark.org.au. All rights reserved.

To add a new storage box to the rack, select Add Box.

Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Rachel

Apps Bookmarks Google Webmail UWA Staff Email GRS ehealth Fitbit UWA library Google Scholar Twitter Google Drive Freedcamp UWA Blackboard Other bookmarks

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

» Rack Box C was created successfully

Rack:

ID:	341		
Name:	Box C *		
Freezer:	Hospital A > Freezer B *		
Capacity:	100	Available:	100
Description:			

Save Cancel Delete

Add Box

the-ark 1.2 Copyright © the-ark.org.au. All rights reserved.

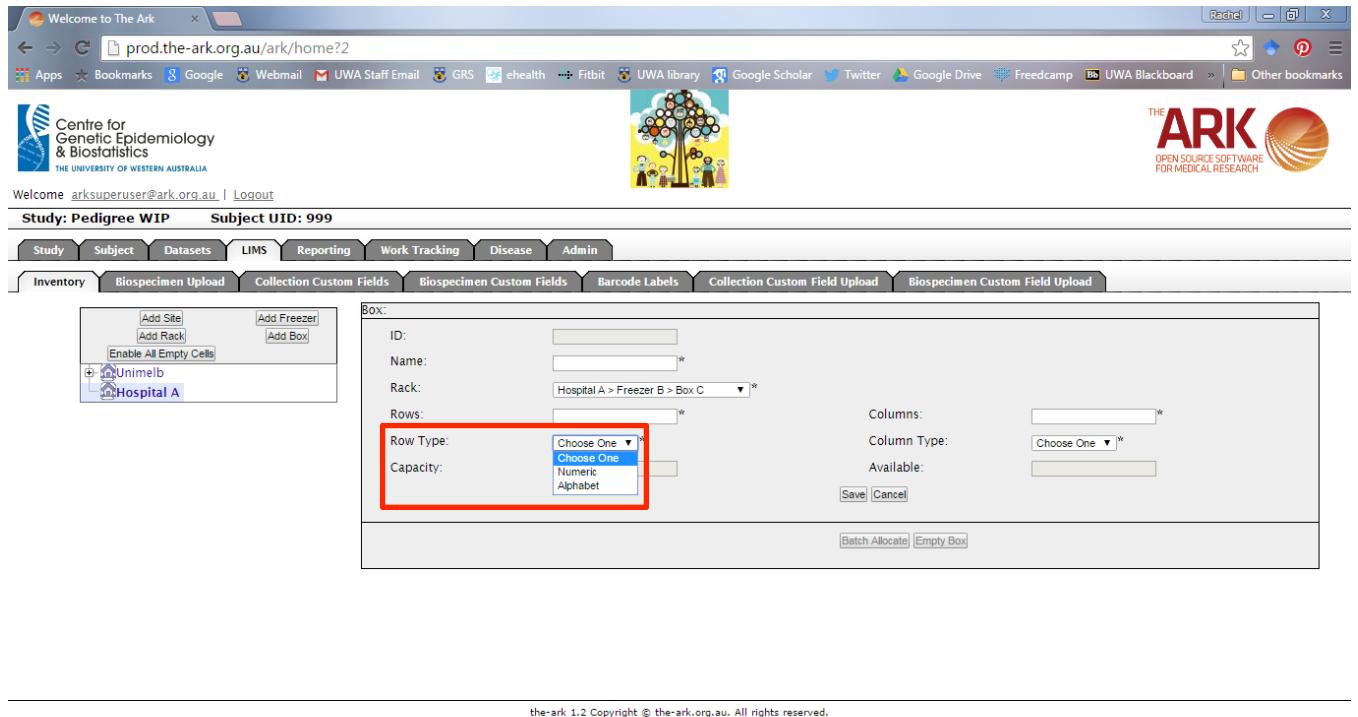
The following page will appear.

This screenshot shows the 'Box' creation form in The Ark software. The top navigation bar includes links for 'Study', 'Subject', 'Datasets', 'LIMS', 'Reporting', 'Work Tracking', 'Disease', and 'Admin'. The 'Inventory' tab is selected. On the left, there's a sidebar with buttons for 'Add Site', 'Add Freezer', 'Add Rack', and 'Enable All Empty Cells'. Below this are two dropdown menus: 'Unimelb' and 'Hospital A'. The main form area has fields for 'ID', 'Name', 'Rack', 'Rows', 'Row Type', 'Capacity', 'Columns', 'Column Type', and 'Available'. Buttons for 'Save' and 'Cancel' are at the bottom, along with links for 'Batch Allocate' and 'Empty Box'.

Fill in the details for the new box. You can select the site, freezer and rack from the drop-down menu.

This screenshot shows the same 'Box' creation form as above, but with the 'Rack' dropdown menu highlighted by a red box. The dropdown menu lists several options: 'Choose One', 'Choose One', 'Unimelb > -80C Test > Rack 01 Test', 'Unimelb > -80C Test > Rack 02', 'Unimelb > -80C Test > Rack 03', 'Unimelb > -80C Test > Rack 04', 'Unimelb > -80C Test > Rack 05', 'Unimelb > -80C Test > Rack 06', and 'Hospital A > Freezer B > Box C'. The rest of the form and interface are identical to the first screenshot.

You can select the Row Type and Column Type (numeric or alphabetic) from the drop-down menu.



Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Add Site Add Freezer
Add Rack Add Box
Enable All Empty Cells

Hospital A

Box:

ID:

Name: *

Rack: Hospital A > Freezer B > Box C

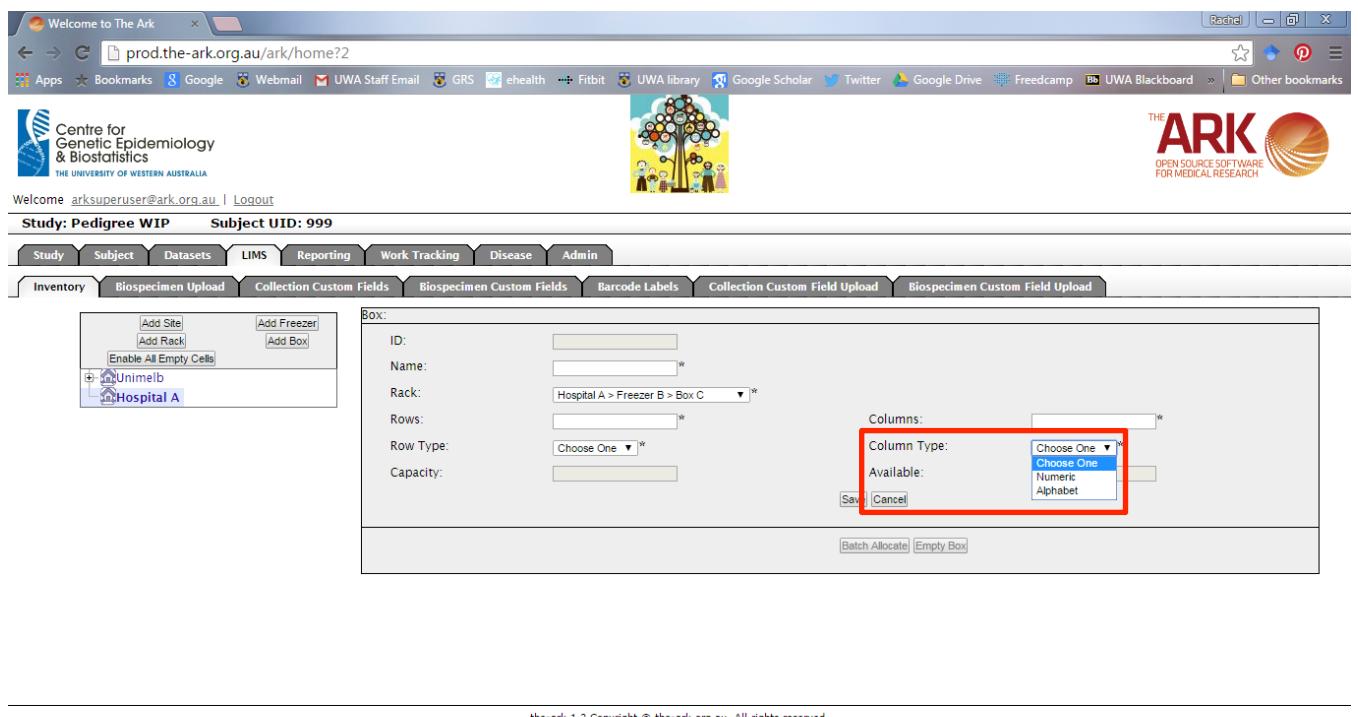
Rows: *

Columns: *

Row Type: Choose One
Capacity: Choose One
Numeric
Alphabet

Column Type: Choose One
Available: Choose One
Save Cancel

Batch Allocate Empty Box



Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Centre for Genetic Epidemiology & Biostatistics THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Add Site Add Freezer
Add Rack Add Box
Enable All Empty Cells

Hospital A

Box:

ID:

Name: *

Rack: Hospital A > Freezer B > Box C

Rows: *

Columns: *

Row Type: Choose One
Capacity: Choose One
Numeric
Alphabet

Column Type: Choose One
Available: Choose One
Save Cancel

Batch Allocate Empty Box

When you have finished, click Save.