CRUD Menu

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Introduction

With **CRUD**, one will not need to do all the manual wiring in constructing a CRUD entity.

This element provides a userview menu to show the datalist of your choice and selectable forms to associate with the datalist to perform CRUD operations.

CRUD Properties

Edit CRUD

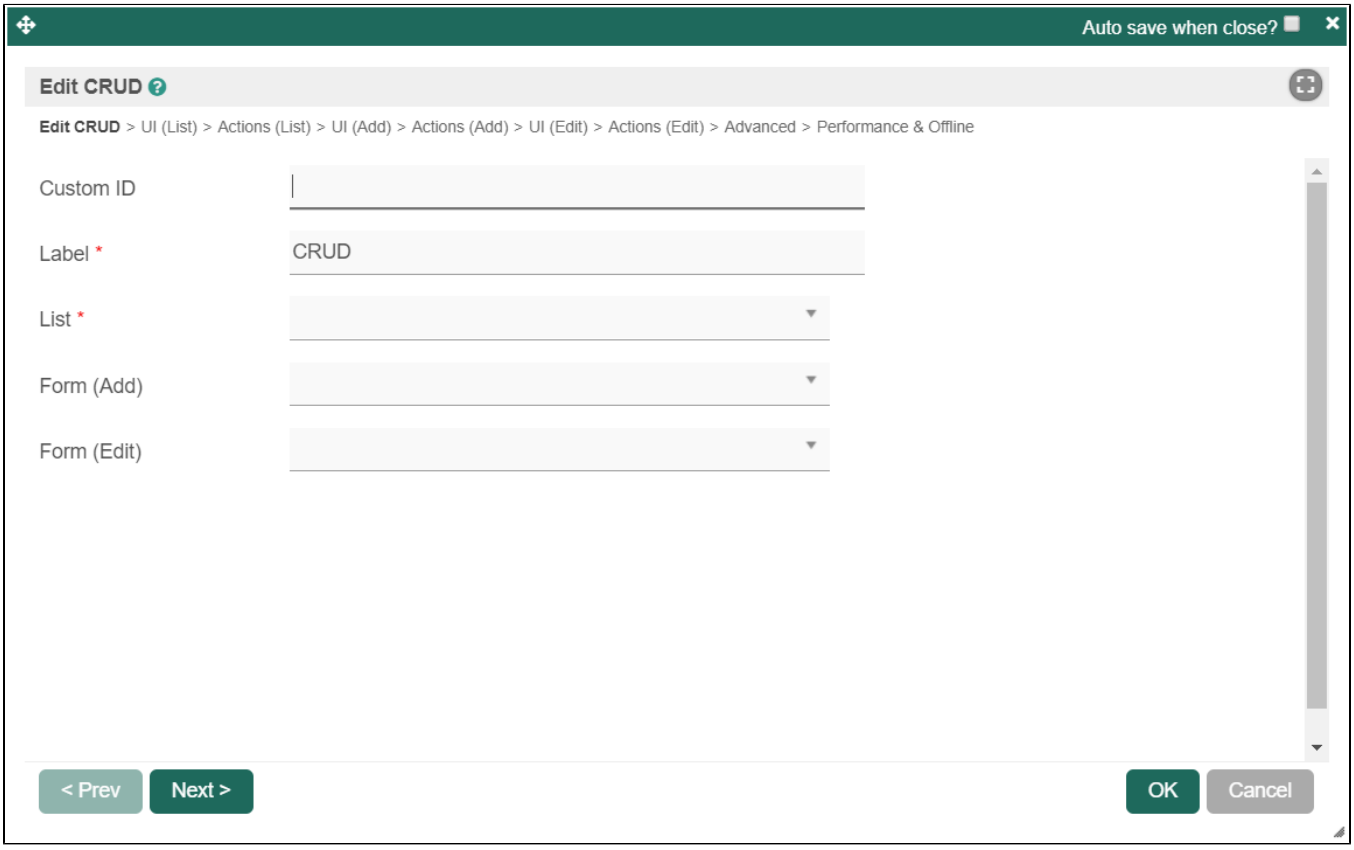

Figure 1: CRUD Properties

Name	Description
id	Menu element unique id. Userview will use this id in the URL for the menu if the Custom ID is empty.

Custom ID	Item link slug. Optional field. Ensure that value defined here is **unique** to other userview menus in the app, since the **first matching/conflicting ID** will take precedence in page loading.
Label	The userview menu label. You can add Font Awesome Icons into your menu labels.
List	Datalist to load.
Form (Add)	Target form to open when adding new record. Optional field. If this attribute is not mapped, then **ability to add** is disabled.
Form (Edit)	Target form to open when editing existing record. Optional field. If this attribute is not mapped, then **ability to edit** is disabled.

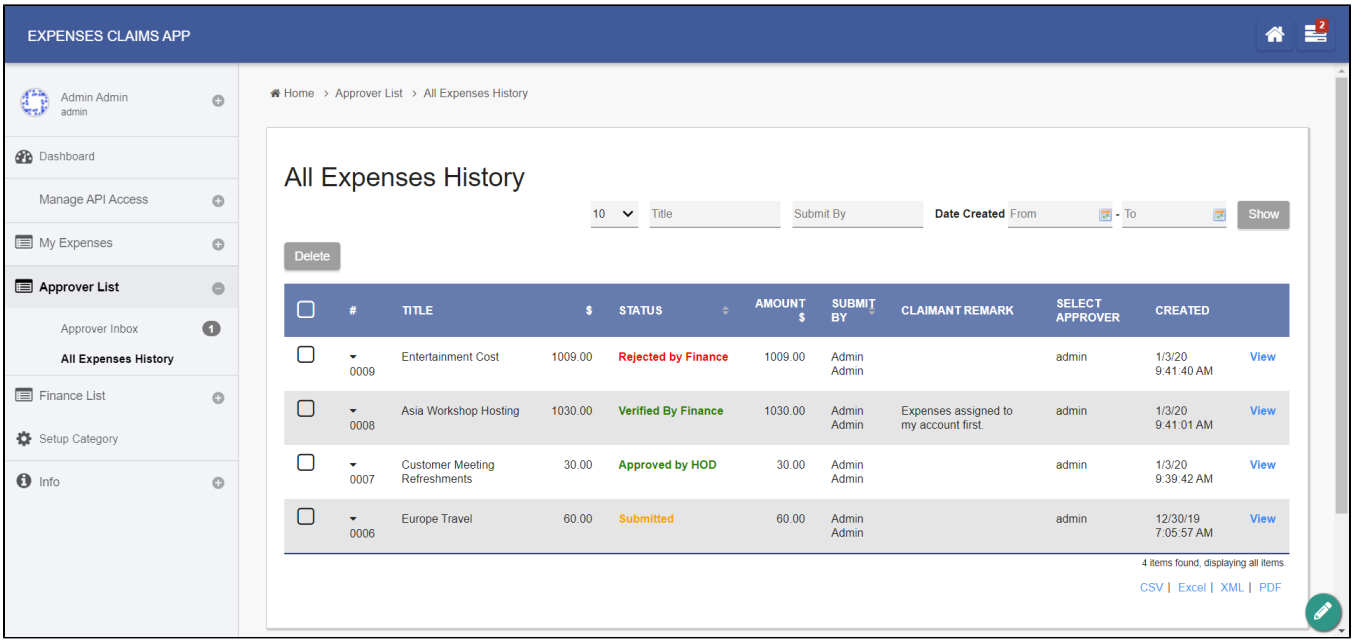

Figure 2: Sample CRUD in runtime

List

UI

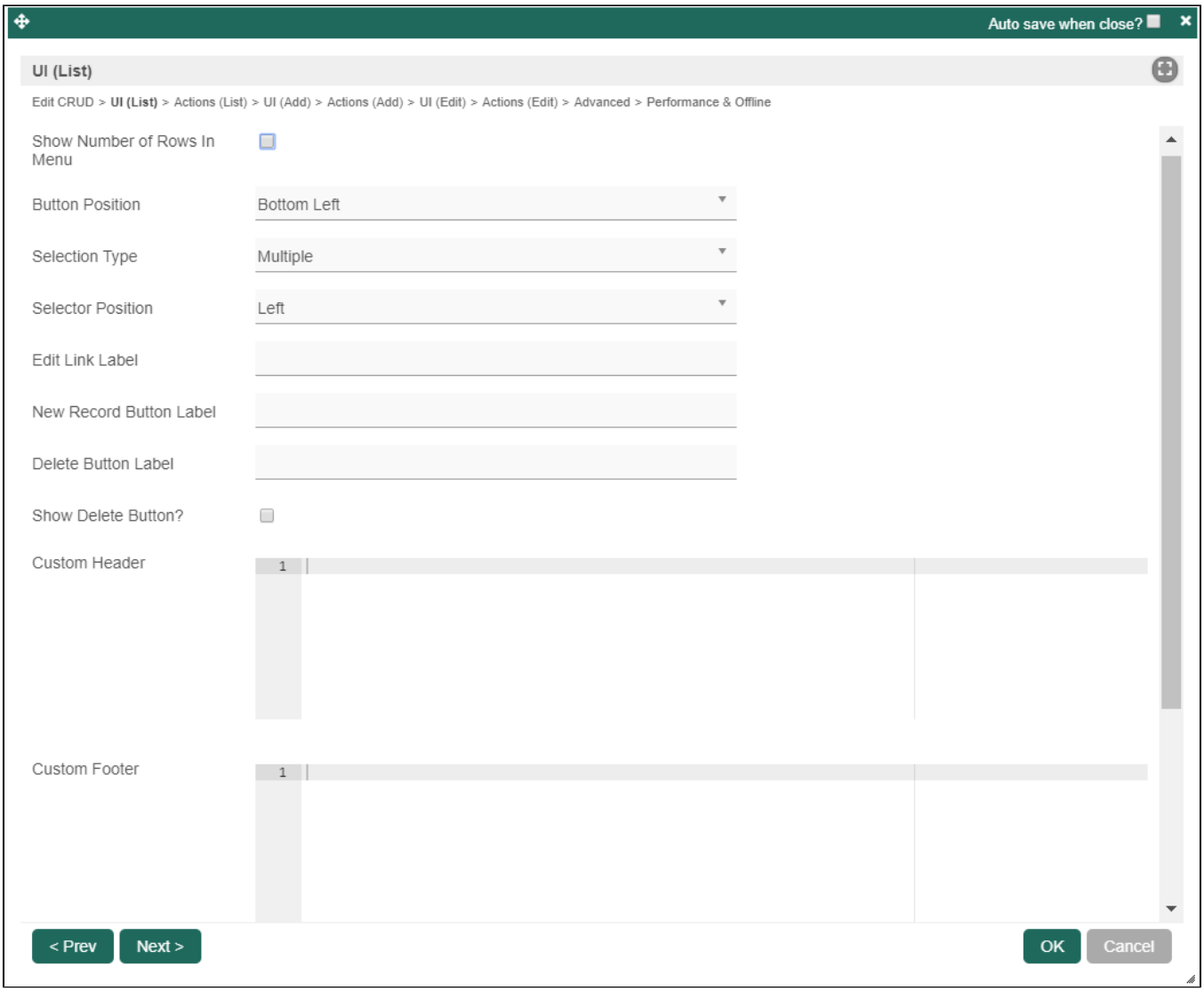

Figure 3: UI - List Properties

Name	Description
Show Number of Rows In Menu	Show number of rows beside this userview menu. ⚠ Additional query will be performed to return record count every time the userview loads.
Button Position	Available options: • Top Left • Top Right • Bottom Left • Bottom Right • Top Left & Bottom Left • Top Right & Bottom Right

Selection Type	Available options: • Multiple • Single
Selector Position	Available options: • Left • Right • Both let & right • No
Edit Link Label	Edit link button label to show in listing.
New Record Button Label	New record button label to show in listing.
Delete Button Label	Delete button label to show in listing.
Show Delete Button?	When checked, the delete button will be shown, effectively enabling the deletion capability. If "Show Delete Button" is enabled, the following options will be shown: • Delete Associated Grid Data? • Delete Associated Child Form Data? • Delete Files? • Abort Related Running Processes? Read more in Delete Action.
Custom Header	Custom Header in HTML to show above the listing.
Custom Footer	Custom Footer in HTML to show below the listing.

Actions

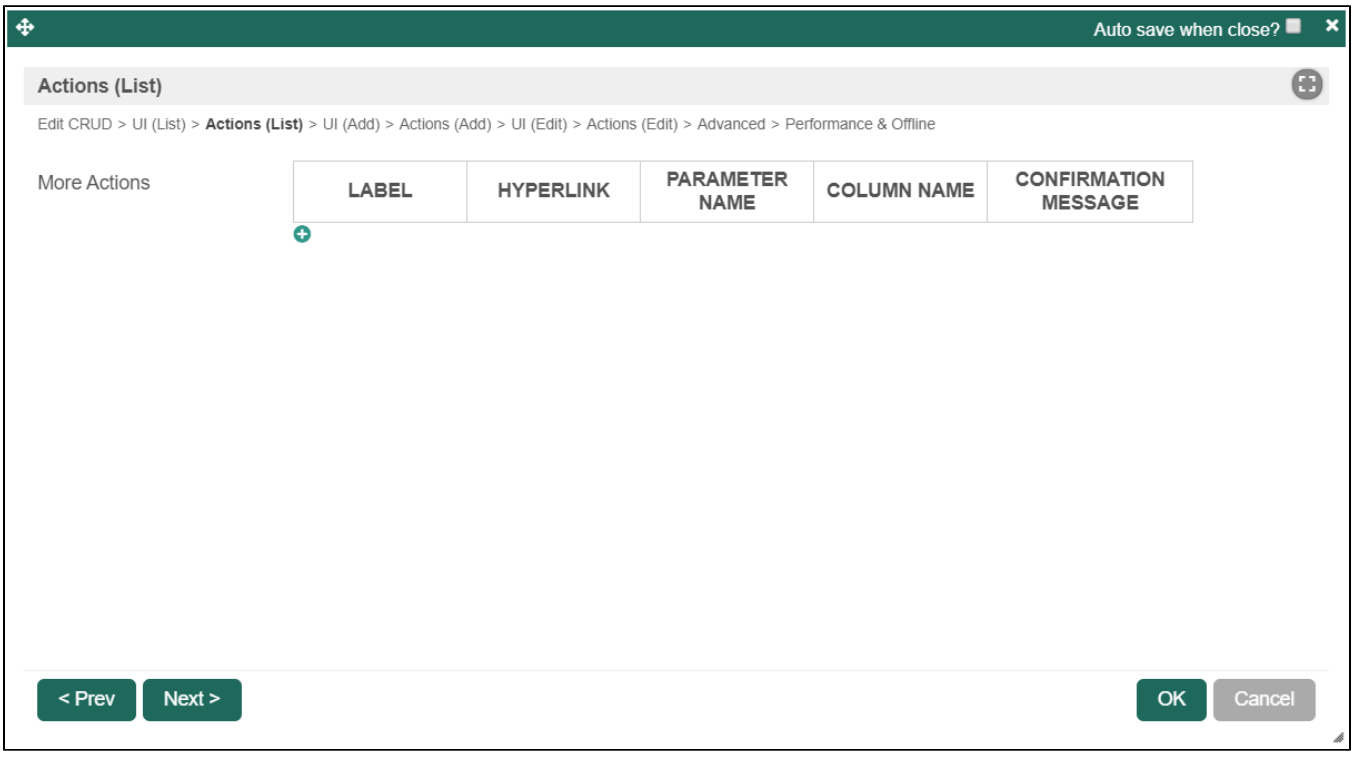

Figure 4: Actions - List Properties

Name	Description
More Actions	This attribute allows you to add more actions into the listing. **Field** / **Description** Label — Link label. Hyperlink — Hyperlink URL. Parameter Name — Parameter name to be part of the hyperlink. Column Name — Parameter value to be assigned to the parameter name declared above by defining the column name from the Data List. Confirmation Message — Confirmation message before opening the link. For example, see **Figure 5**.

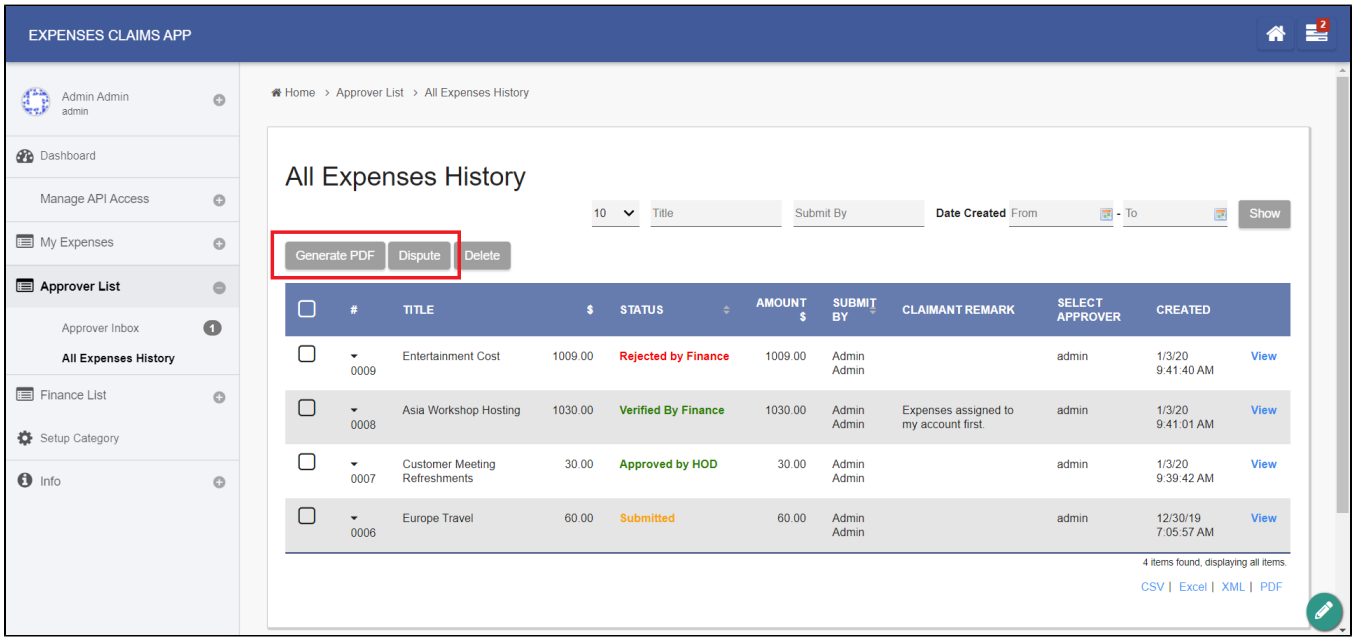

Figure 5: Sample List Actions in runtime

Add

UI

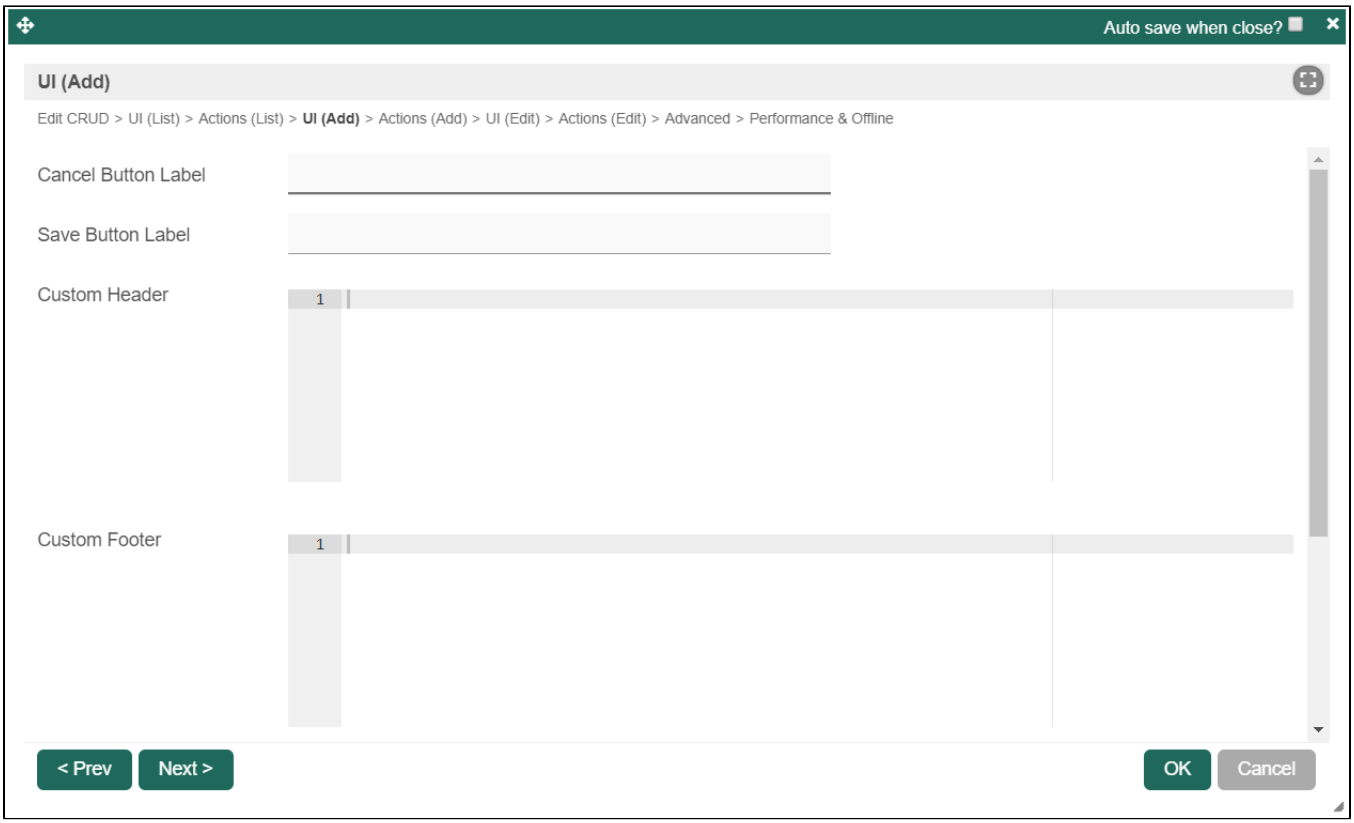

Figure 6: UI - Add Properties

Name	Description
Cancel Button Label	Cancel Button Label to show in add new record form.
Save Button Label	Save Button Label to show in add new record form.
Custom Header	Custom Header in HTML to show in add new record form.
Custom Footer	Custom Footer in HTML to show in add new record form.

Actions

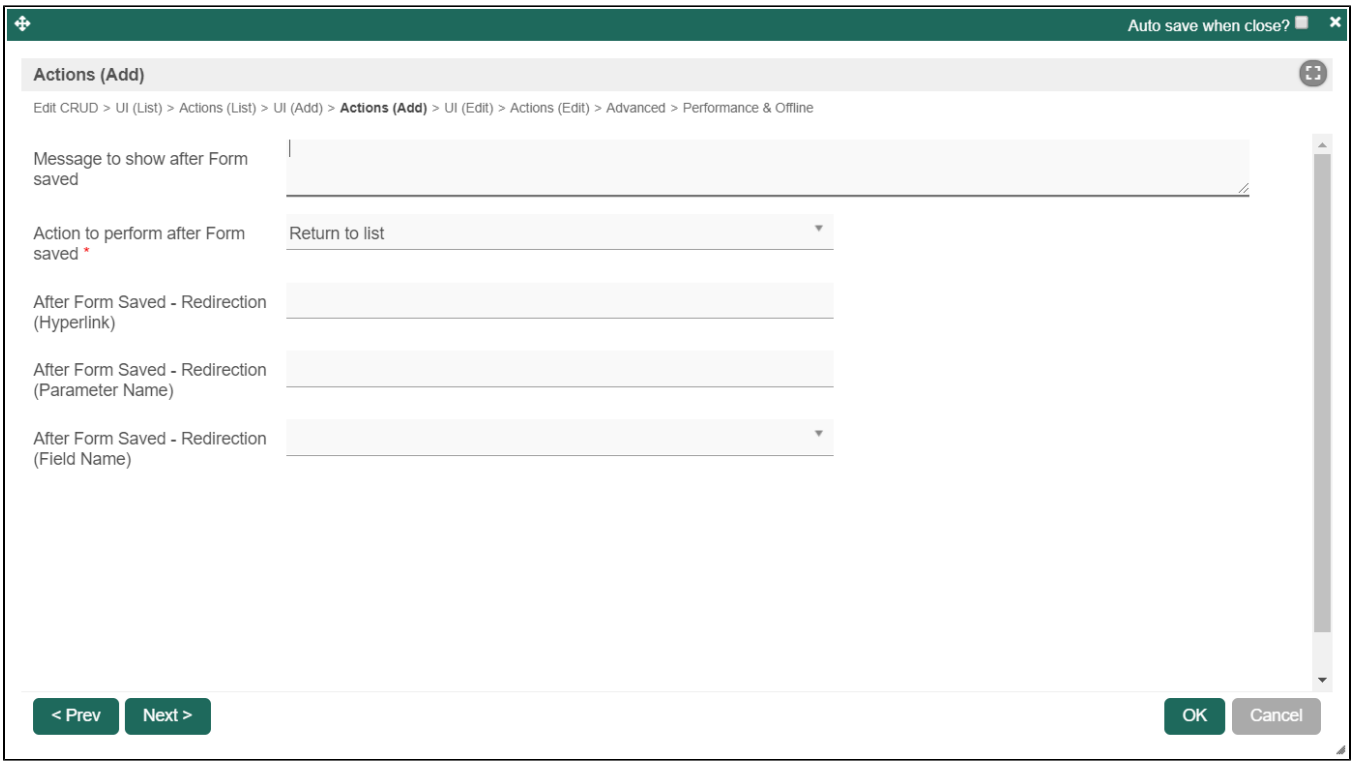

Figure 7: Actions - Add Properties

Name	Description
Message to show after Form saved	Message to show after Form saved.
Action to perform after Form saved	• Return to list • Continue on Adding Record • Display in Edit Mode • Redirection
After Form Saved - Redirection (Hyperlink)	Hyperlink URL. Only applicable when "**Action to perform after Form saved**" is set to "**Redirection**". **Example** `userviewFormLink`
After Form Saved - Redirection (Parameter Name)	Parameter to be appended as part of the link defined above. Only applicable when "**Action to perform after Form saved**" is set to "**Redirection**". **Example** id

After Form Saved - Redirection (Field Name)	Value to be assigned to the parameter defined above. Only applicable when "**Action to perform after Form saved**" is set to "**Redirection**". **Example** id

Edit

UI

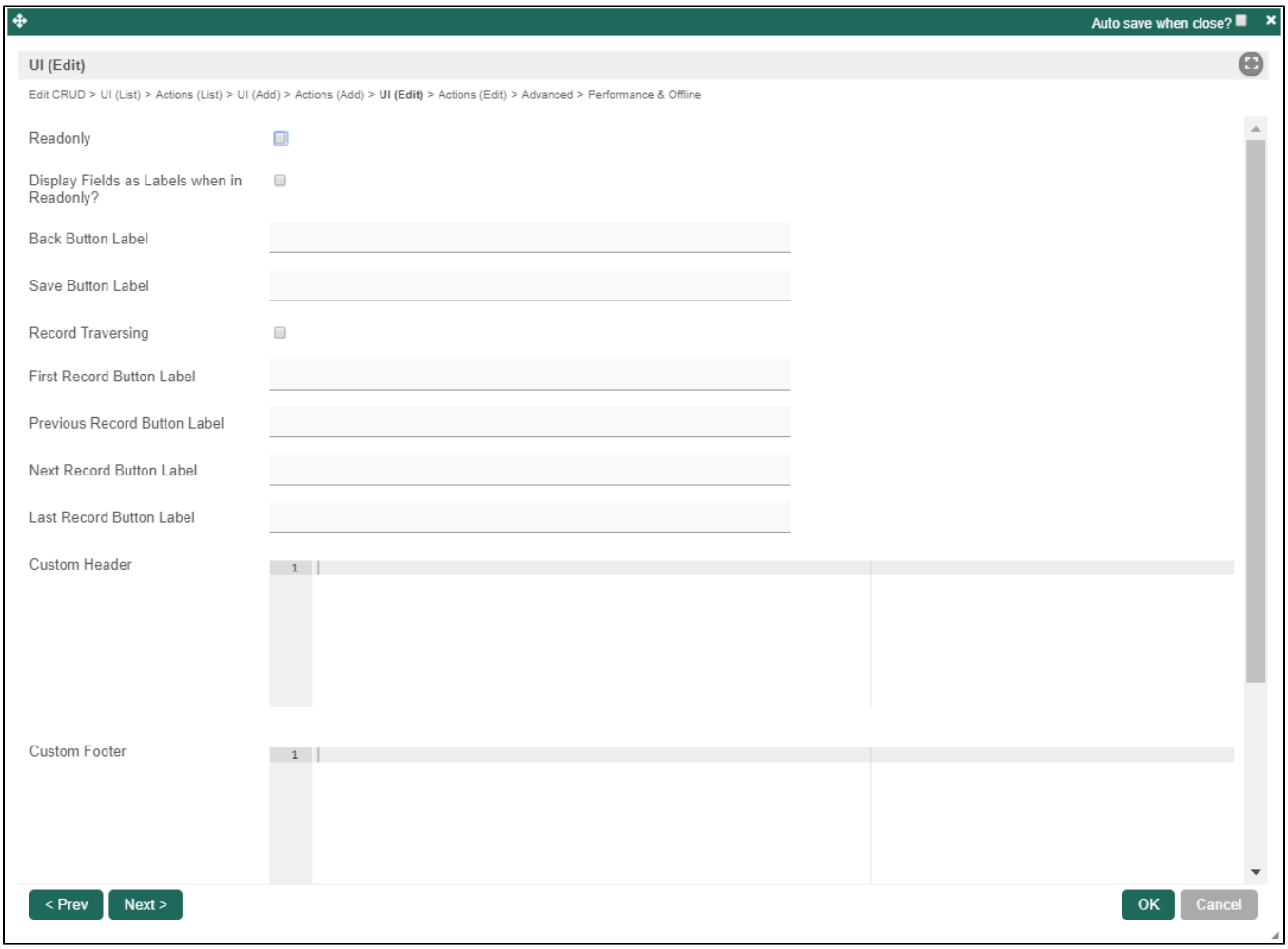

Figure 8: UI - Edit Properties

Name	Description
Readonly	If checked, effectively, the form will be rendered as read only and not editable anymore.
Display Fields as Labels when in Readonly?	When the form is in read only form, determines if values should be displayed as it is (label form) instead of being bounded in original input form.
Back Button Label	Back Button Label **Default value**: Back
Save Button Label	Save Button Label **Default value**: Save

Record Traversing	Enable record traversing when viewing a individual record in its form. For example, see **Figure 9**.
First Record Button Label	First Record Button Label. Only applicable when **Record Traversing** is enabled. **Default value**: First Record
Previous Record Button Label	Previous Record Button Label. Only applicable when **Record Traversing** is enabled. **Default value**: Previous Record
Next Record Button Label	Next Record Button Label. Only applicable when **Record Traversing** is enabled. **Default value**: Next Record
Last Record Button Label	Last Record Button Label. Only applicable when **Record Traversing** is enabled. **Default value**: Last Record
Custom Header	Custom Header in HTML to show when editing an individual record in a form.
Custom Footer	Custom Footer in HTML to show when editing an individual record in a form.

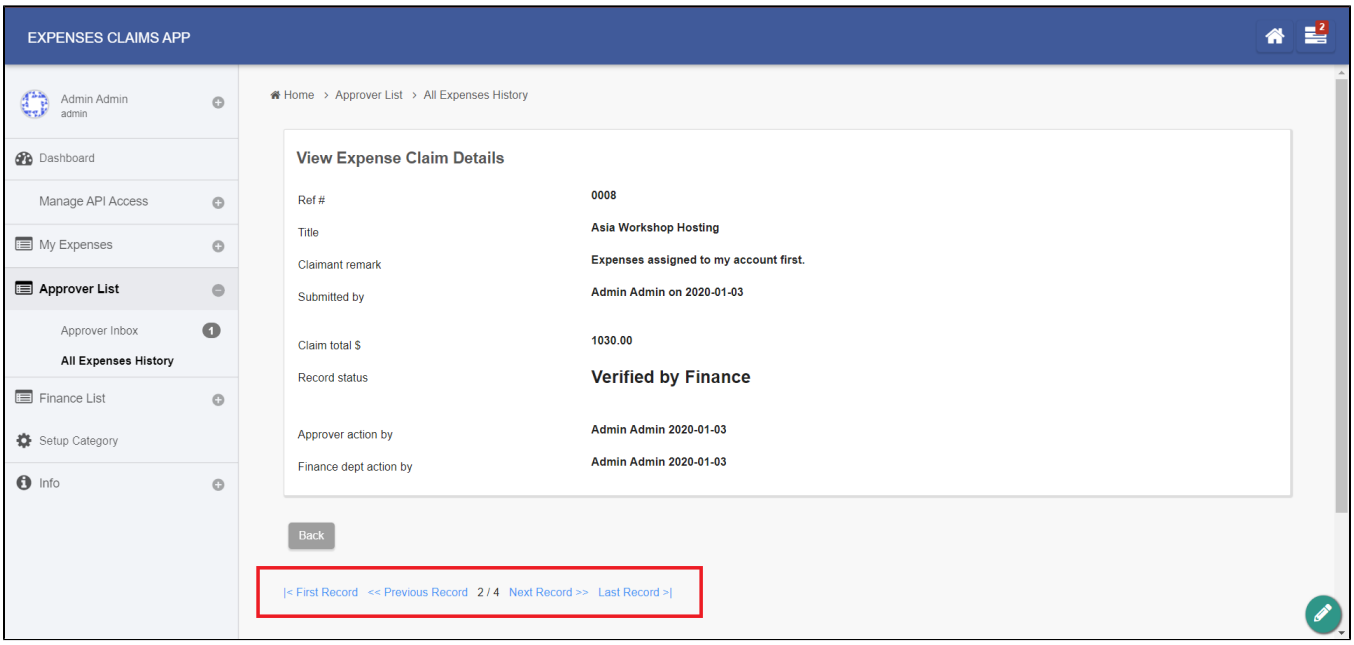

Figure 9: Sample record traversing in runtime

Actions

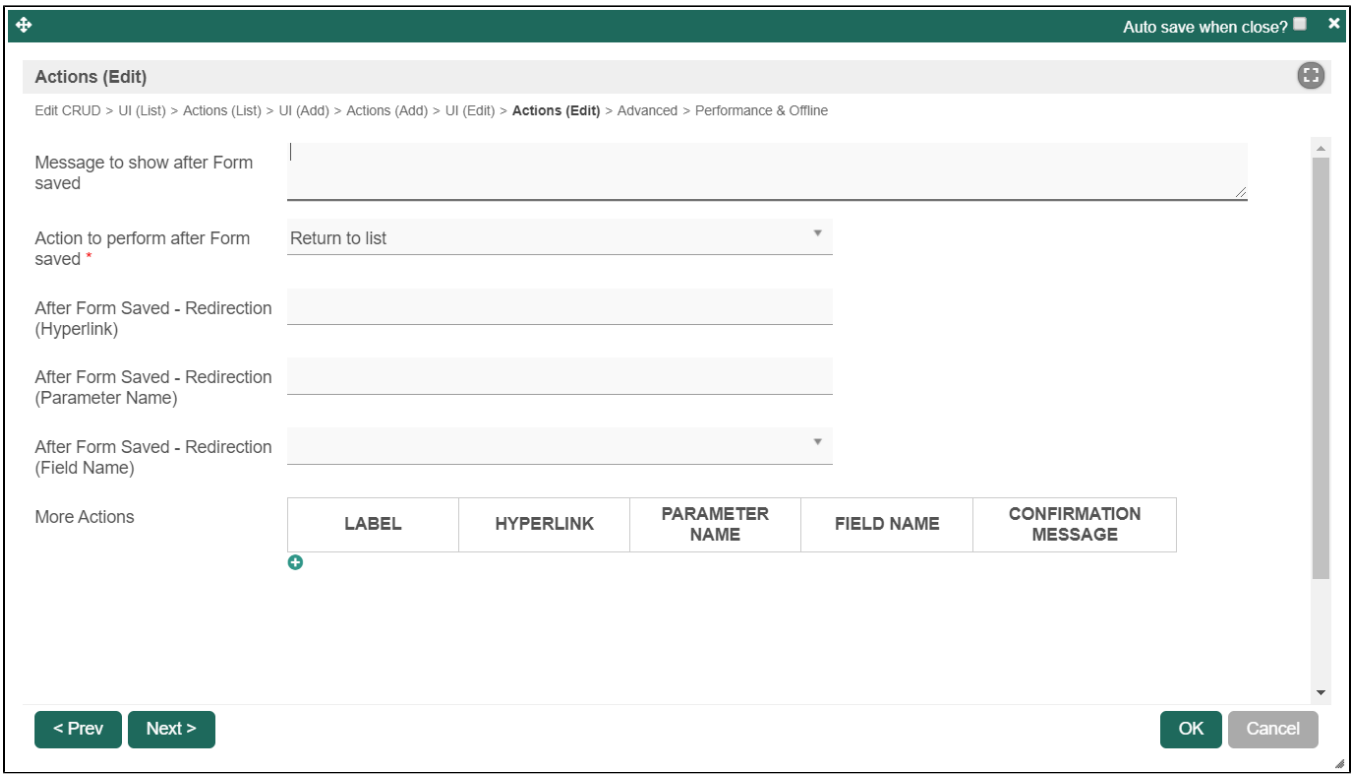

Figure 10: Actions - Edit Properties

Name	Description
Message to show after Form saved	Message to show after Form is saved
Action to perform after Form saved	• Return to list • Continue on edit record • Continue on edit next record • Redirection
After Form Saved - Redirection (Hyperlink)	URL to redirect to after submission. Only applicable when **Action to perform after Form saved** is set to **Redirection**.
After Form Saved - Redirection (Parameter Name)	Parameter to be included. Only applicable when **Action to perform after Form saved** is set to **Redirection**.
After Form Saved - Redirection (Field Name)	Parameter value to be assigned to the parameter above by defining a field ID from the form. Only applicable when **Action to perform after Form saved** is set to **Redirection**.

More Actions	Include action buttons to be added into the bottom of the form. **Name** / **Description** Label — Action button label. **Example**: New Action Button Hyperlink — URL Parameter Name — Parameter name to be added to the URL defined above. Field Name — Field ID correspondent to the form to retrieve value from and set to the parameter above. Confirmation Message — Confirmation message to prompt before proceeding after clicking on the button. For example, see **Figure 11**. When such button is clicked, the form will **NOT** be saved.

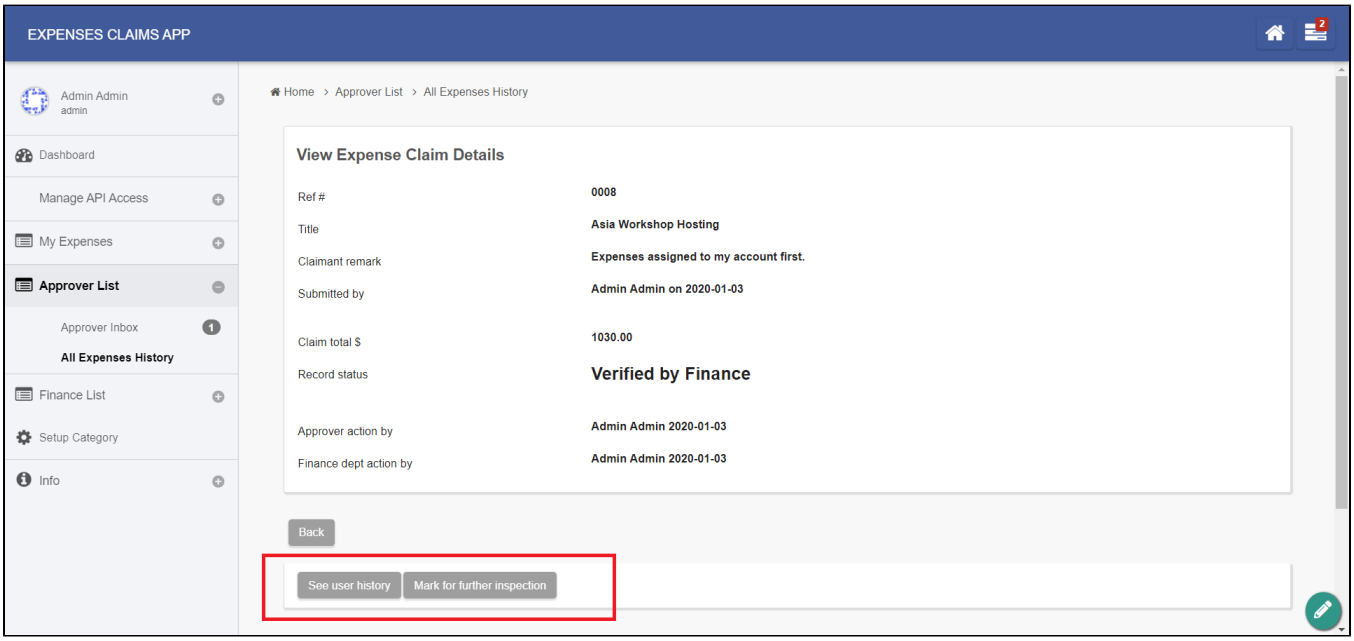

Figure 11: Sample Edit Actions in runtime

Advanced

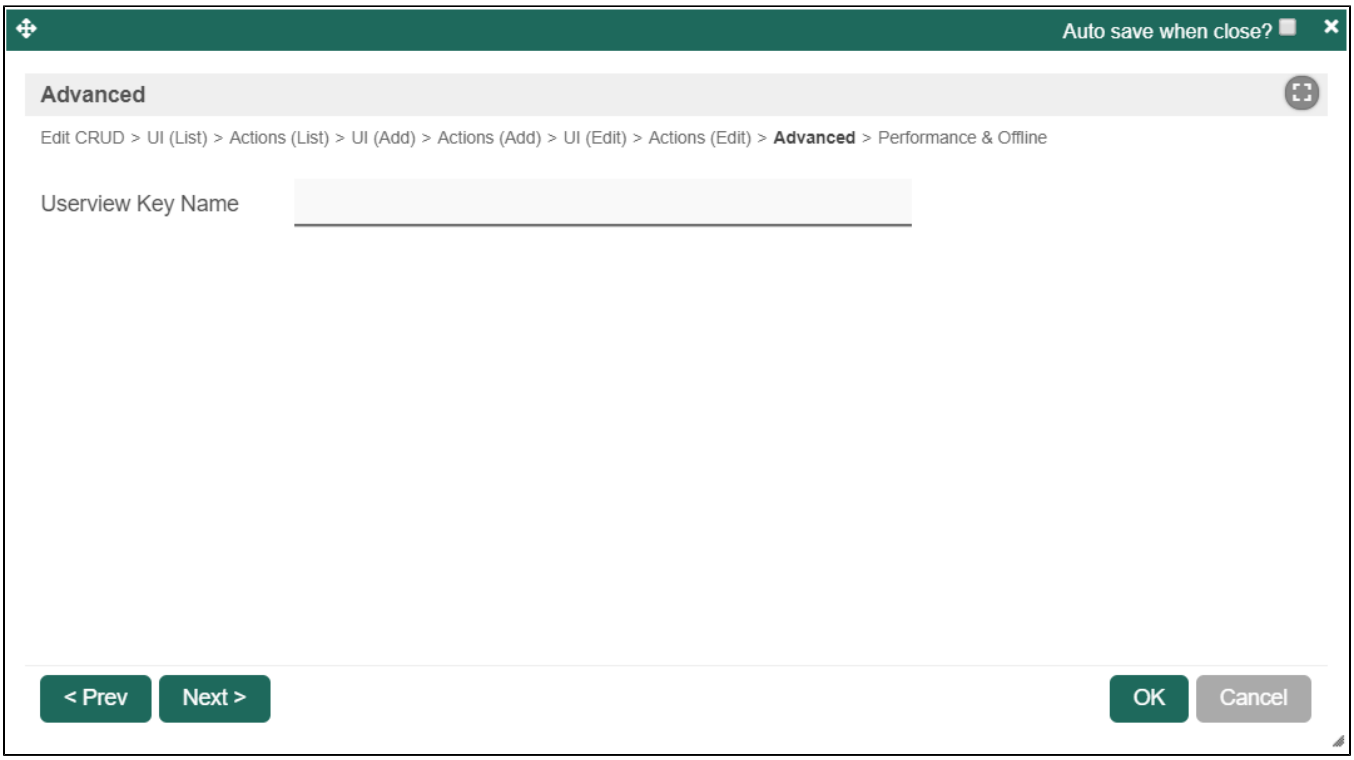

Figure 12: Advanced Properties

Name	Description
Userview Key Name	Define a column name to pre-filter the datalist via the userview key value. See Userview Key for more info.

Performance & Offline

Cache Settings

Name	Description
Scope	Caching options are: • **None**: No caching. • **Application**: Cache content by application where all users will see the same content. • **User**: Cache by username.
Duration (s)	Duration in seconds to cache content, defaults to 20 seconds if applicable.

Read more at Performance Improvement with Userview Caching.

PWA Offline Settings

Note: PWA Offline support is dependent on the theme used.

Name	Description
Enable cache for offline support	Enable caching for offline support, usually set for use on mobile browsers.
Cache list actions (Non post action)	Enable caching for any non-POST list actions (if any) in the datalist.

Cache all datalist links in first page	Enable caching for any datalist links present in the first page of this userview menu.

Read Progressive Web Application (PWA) for more information.