

# Grid

Grid enables one to capture structured and related data.

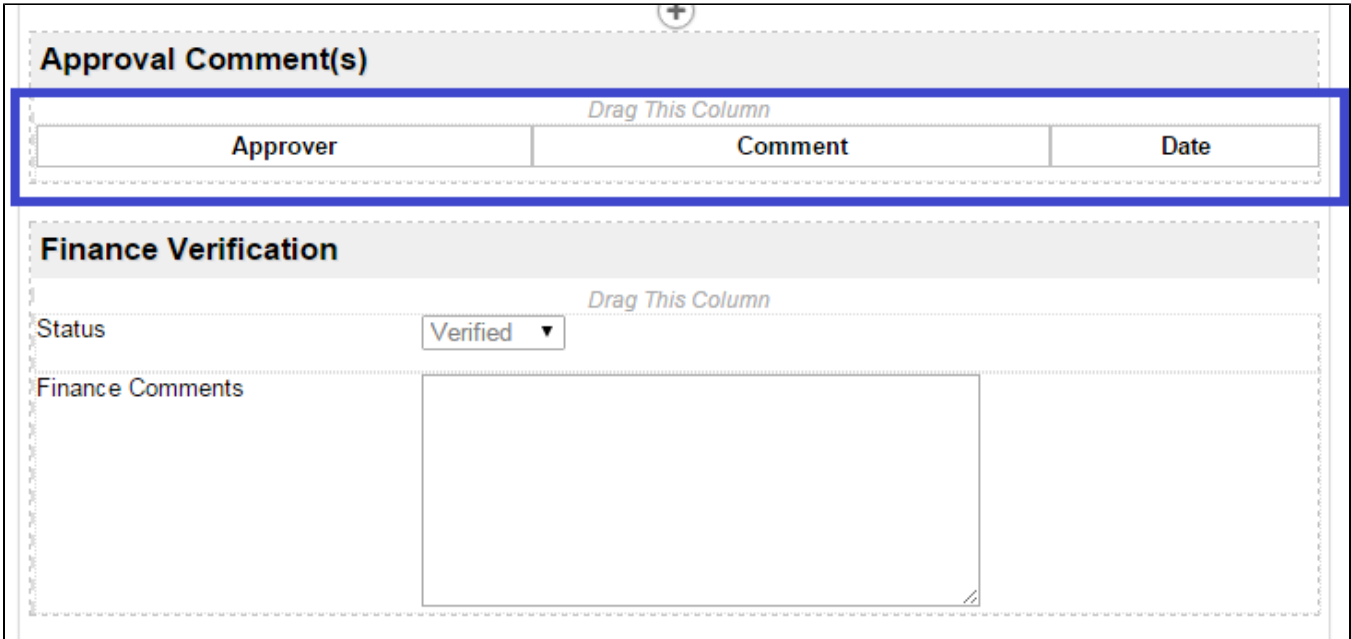


Figure 1: Screenshot highlighting Grid in sample HR Expenses Claim app

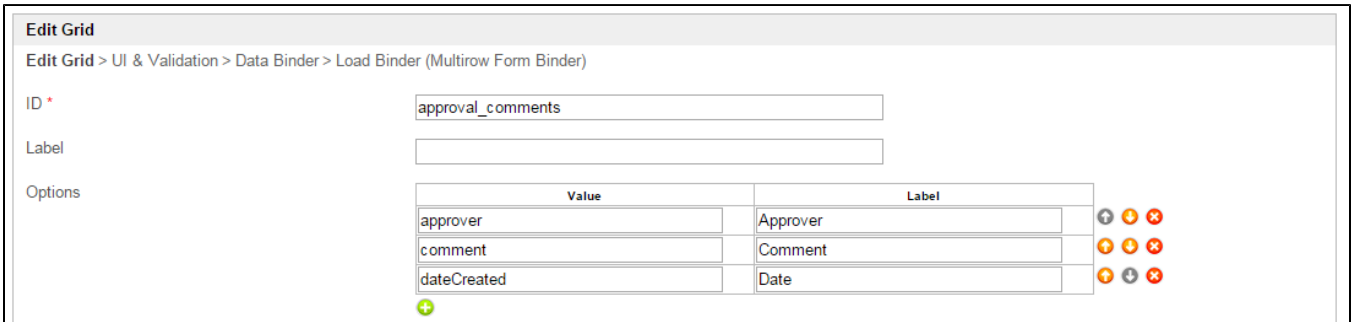


Figure 2: Grid Properties

| Name    | Description   |
|---------|---|
| ID      | Element ID (By declaring as "approval_comments", a corresponding database table column "c_approval_comments" will be created)                                   |
| Label   | Element Label to be displayed to end user.  |
| Options | Column definition and column label.<br>Column name is defined in the <b>value</b> column whereas the corresponding label is defined in the <b>label</b> column. |

**UI & Validation**  
 Edit Grid > **UI & Validation** > Data Binder > Load Binder (Multirow Form Binder)

**UI**

Readonly

**Validation**

Validator

Min Number of Row Validation (Integer)

Max Number of Row Validation (Integer)

Error Message

Figure 3: Grid Properties - UI & Validation

| Name                                   | Description   |
|--|---|
| Readonly                               | Determines if the element is editable.  |
| Validator                              | Attach a Validator plugin to validate the input value.<br><br><div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <p><b>i</b> When will validation takes place?</p> <p>Validation will takes place whenever form is submitted except when it is submitted as "Save as Draft".</p> </div> |
| Min Number of Row Validation (Integer) | Min Number of Row Validation (Integer)  |
| Max Number of Row Validation (Integer) | Max Number of Row Validation (Integer)  |
| Error Message                          | Error message to be shown when row requirements set above is not met.   |

**Data Binder**  
 Edit Grid > UI & Validation > **Data Binder** > Load Binder (Multirow Form Binder)

Load Binder

Store Binder

Figure 4: Grid Properties - Data Binder

| Name         | Description   |
|--------------|---|
| Load Binder  | Option by default. Grid data will be saved/loaded in JSON format in its defined database cell.<br><br>In this example, Multirow Form Binder is used to load data from other form. |
| Store Binder | Option by default. Grid data will be saved/loaded in JSON format in its defined database cell.  |

**Configure Multirow Form Binder**  
 Edit Grid > UI & Validation > Data Binder > **Configure Multirow Form Binder**

Form \*

Foreign Key \*

Figure 5: Grid Properties - Data Binder - Multirow Form Binder

| Name | Description |
|------|-------------|
|------|-------------|

|             |                                 |
|-------------|---------------------------------|
| Form        | Form to store to or load from   |
| Foreign Key | Foreign Key for records lookup. |

Screenshots taken from [http://localhost:8080/jw/web/console/app/hr\\_expense/1/form/builder/hr\\_expenses\\_approval\\_detail](http://localhost:8080/jw/web/console/app/hr_expense/1/form/builder/hr_expenses_approval_detail)