#Company\_Logo#

**Current Business Rules for App\_Name**

*User guide for all the roles in App\_Name*

*The guide provides information of all the business rules applicable to users defined in a role.*

Company\_Name

Date\_Create

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Current Security Settings (Date: Date\_Create at Time\_Create)

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# Document Revision

Table : Revision History

|  |  |  |
| --- | --- | --- |
| Version | Date Published | Key Notes |
| 1.0 | Date\_Create | First Release |
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# Introduction

This document represents the business rules in *App\_Name* as of *Date\_Create at Time\_Create*. Please refer to the business rule configuration manual to understand how to change these settings.

To understand the document and business rules better, the table below gives a quick summary of the different business rules concepts supported by *App\_Name*, and their impact on application behavior. The business rules in application are role specific i.e. the rule will be effective only on all users of role defined in rule.

|  |  |
| --- | --- |
| Name | Description |
| Email Notification | When users perform some specific action for example: a new registration or perform some operation in record, the email notification can automatically triggered to notify that user and other users of application about it. |
| Lock Record | If a user of a role puts invalid or undesired value in record, the complete record will be locked for all users of that role. On edit, the fields of record will show read only behavior and only privileged users can change the value to unlock it. |
| Conditional Mandatory Field | Some fields of a record can be made mandatory based on the value of other fields. For example: Tax field will be mandatory if the field of Total bill is greater than 20$. Conditional mandatory fields are imposed before data is saved and prevents users from missing any field in the form. |
| Read only Fields | An entity in application generally contains combination of all fields that users in different role is required. This makes many of the fields irrelevant to unconcerned users of another role. The record once saved value in property that fulfills the condition, the edit page of that record will make all fields unnecessary for users as read only. The users can assign value to property that matches with desired condition and on ‘save and continue’ or editing the record, the undesired fields will be read only. |
| Filter Dropdown | The values of dropdown by default shows the display names of all the records present in associated entity. The values can be filtered in dropdown based on condition set in associated entity. For example: a hospital has employees with employee type as doctor and nurse. In patient details, the doctor dropdown will only show list of doctors and nurse dropdown will show list of nurses. |
| Make fields hidden | On the same principles of read only fields, the irrelevant fields can be hidden for users of a role when condition is met in record. |
| Set Value | With business rule, the value of a property can automatically be set using the rule. The value can be constant, picked from a list (supported in dropdowns only) or a dynamic value from property of its own entity or an associated entity. |
| Invoke Action | Users can also invoke the action(s) of a verb(s) using business rule. The action will be invoked when the users will work on an entity. The application will evaluate the rule and when business rule condition meets the input given by user, it will invoke the action verb. |

## Types of Business Rule Conditions

The conditions in business rule define how a rule will occur in entity of App\_Name for a given role(s). The conditions are implemented any of following categories:

### Condition Type

1. **On Add:** The condition is applicable whenever users will attempt to create a new record.
2. **On Update:** The condition is applicable whenever users will attempt to edit/update/modify the existing records of entity.
3. **On Add and Update:** The condition is applicable either on creating a new record or updating the existing records of entity.
4. **On Property Change:** The condition is applicable whenever users will attempt to edit/update/modify any property of entity.
5. **Single Condition:** Single condition means business rule has only one condition to be checked before executing the actions.
6. **Multiple Conditions:** When multiple conditions are present for a rule, the rule will check all the conditions before executing the action.

### Operator Types

1. **Equals to:** The action will execute when the value of property in entity will match the value defined in rule.
2. **Greater than:** The business rule will execute when the value of property in entity is greater than the value defined in rule.
3. **Less than:** The business rule will execute when the value of property in entity is less than the value defined in rule.
4. **Less than or equals to:** The business rule will execute when the value of property in entity is less than or equal to the value defined in rule.
5. **Greater than or equals to:** The business rule will execute when the value of property in entity is greater than or equal to the value defined in rule.
6. **Contains:** The business rule will execute when the value of property in entity contains the value defined in rule.
7. **Not equals to:** The business rule will execute when the value of property in entity is not equal to the value defined in rule.
8. **Pick from List:** The business rule will execute when the value of association matches with the value that is picked from the dropdown.

# Business Rules in App\_Name

#Table\_Business\_Rules#

# Summary

The document covered all the business rules configured specifically for *App\_Name* by the Administrator of *App\_Name*. The document provided the configuration of rules as of *Date\_Create at Time\_Create*.