***Specification of use case “Create Discount”***

|  |  |  |  |
| --- | --- | --- | --- |
| **Use case code** |  | **Use case name** | Create Discount |
| **Agent** | User | | |
| **Prerequisite** | User successfully logged in | | |
| **Main flow of event**  **(Success)** | |  |  |  | | --- | --- | --- | | **No.** | **Performed by** | **Action** | |  | User | Choose to show list of Discount | |  | User | Chooses “Add Discount” | |  | System | Displays the Create Discount interface | |  | User | Enters discount’s information | |  | System | Checks if the user has entered valid information. (Described below) | |  | System | Displays the Discount created | |  | User | Commit the changes | |  | System | Save the Discount’s info | |  | System | Log action | | | |
| **Alternate flow of event** | |  |  |  | | --- | --- | --- | | **No.** | **Performed by** | **Action** | | 5a | System | Notifies the user that the entered information was not valid (expiry time is before the created time) | | 5b | System | If DiscountType is CASH\_ONLY then Cash field must be filled, else user has to enter again | | 5c | System | If DiscountType is PERCENTAGE\_ONLY then Percentage field must be filled, else user has to enter again | | 5d | System | If DiscountType is BOTH then Percentage, Cash and CashLimit field must be filled, else user has to enter again | | 6a | System | If user does not commit, back to step 5 | | | |
| **Postrequisite** | None | | |

\*Input data of Discount includes these following fields:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Data field** | **Must?** | **Valid condition** | **Example** |
|  | Name | Yes |  | Demo |
|  | Cash | No | Only digits, positive number | 20000 |
|  | Discount Type | Yes | Enum type |  |
|  | Percentage | No | Only digits, positive number |  |
|  | Expiry Time | Yes | Date, greater than Created Time |  |