Cosmetic Store Application

# Cosmetic Store Application

Design and implement a system that manages and organizes your favourite cosmetic collections. It enables users to store into and search for his/her cosmetics from the store.

* Home page contains the promo video and carousel of latest arrivals
* The home page contains the following links
  + Add a cosmetic
  + Create and Search Favourites

# System Features

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| **Use Case #1** | **Add a cosmetic** |
| Trigger | User clicks on “Add a cosmetic” link on the home page |
| Pre-Conditions | - |
| Post-Conditions | The complete information about the cosmetic is stored in the application database |
| UI Screen Details | The input form contains the following fields   |  |  |  | | --- | --- | --- | | ID | Alphanumeric |  | | Cosmetic Title / Name | Text value |  | | Company | Text Value |  | | Image | Image |  | | Category | Text Value |  | | Quantity | Numeric |  | | Price | Money |  | |
| Main Flow | The user provides the required details in the form and Clicks “Save” button. On successfully saving the cosmetic details, user is forwarded to the home page along with the message “Cosmetic details have been saved successfully” |
| Data Validations | * Input data has to be validated for numeric and date data fields. * All fields are mandatory |
| Business Rules | ID = first 3 letters of category and 4 digits auto increment number |
| Exception Flows | * In case of any failure in Data Validation or Business Rules, user should be brought back to the screen along with the error message “The value provided for the field …. Is incorrect or incomplete” |
| Alternate Flows | * When the user selects “Cancel” button, user should be taken back to the home page |

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| **Use Case #2** | **Create and Search Favourites** |
| Trigger | User clicks on “Create and Search Favourites ” link on the home page |
| Pre-Conditions | Cosmetic details are in the database |
| Post-Conditions | Details of cosmetic Favourites are stored in database |
| UI Screen Details | * ‘**Cosmetic list**’ table needs to be displayed. This displays the list of **all** the cosmetics available in the database. Each cosmetic display will have a button “Add to favourite” beside it. * ‘**Favourites’** form needs to be displayed the cosmetics would be selected from the ‘Cosmetic list’ table.   + The form will have delete button to delete the certain cosmetic from favourites   + The cancel button, on click, will reset this form |
| Main Flow | When the page is loaded the ‘Cosmetic List’ form and the ‘Favourites’’ table are displayed one below the other.  The ‘Favourites’’ table is initially loaded with details in Database. Once the data is entered through the ‘Add to Favourites’ button and stored successfully, report with Favourites also could be displayed |
| Data Validations | * Input data has to be validated for numeric and image data fields. * All fields are mandatory |
| Business Rules | * ID should be unique in the system |
| Exception Flows | In case of any failure in Data Validation or Business Rules, user should be brought back to the same screen along with a relevant error message |
| Alternate Flows | * When the user selects “Close” button, user should be taken back to the home page |