**Design of Asia**

**Requirement Spécification**

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1. **INTRODUCTION**
   1. **Purpose**

The purpose of this document is to provide a detail explanation on the functional requirements of the Design of Asia.

* 1. **Project Overview**

Develop static pages of the home products, services, building constructions and news related

1. **GENERAL INFORMATION**
   1. **Components**

This portal will be developed with two main components:

**Front-End Module**:

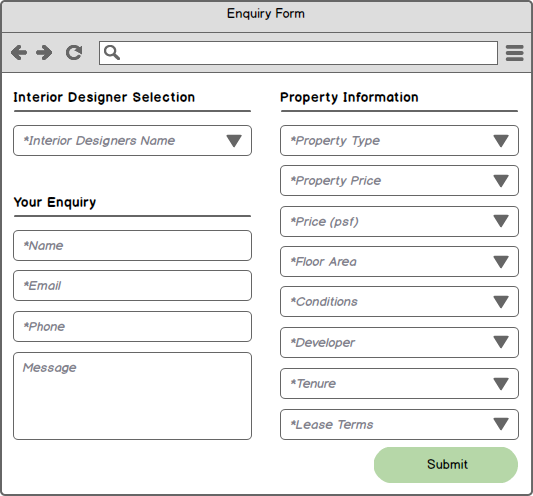
Public shall be able to view content pages of the website.

**Back-End Module**:

Logged in Administrators shall be able to update all CMS pages and update the training schedule.

* 1. **Major Group of Users**
* Public
* Administrators
  1. **General Requirements**
* The portal shall have cross browser compatibility on latest two versions of IE, Firefox, Safari, Opera, and Google Chrome.
* Validation messages and confirmation messages (for deletions) shall be available wherever applicable.
* Search by designer name to link to the same page structure as Interior Designer page
* Breadcrumbs for Front End and Back End
* Back End: Default showing Search form inside each management screen that admin can easily search when needed

1. **FRONT-END MODULE**
   1. **Home**

* The system shall display the featured designers in alphabetical order created by the administrator.
* The rest of designers will show below these feature designers.
* Showing Product and Services (tagged by category), Lifestyle (with creation date), news and events items and Facebook social plugin
* One small top News Event to get the latest News item and click to VIEW MORE button to link to News & Event listing page
  1. **Listings**
* Listings of
* Interior Designer(ID)
* Home Products
* Service
* Property
* Deal
* Lifestyle article
* News and Events
* All listing pages followed by latest date order.
* Social like and share buttons(Facebook, twitter,..) per detail ID item page
* In special deal listing: click to “SNATCH NOW!” button to show popup requires user fill his email address then click to “SEND” button to send to admin’s email
  1. **Add to Enquiry Cart**
* Inside each Interior Designer(ID) detail page will have “Enquiry this firm” button
* Click to this button will link to Enquiry Form with Interior Designer Name box is this ID name
* Any time, when user click to “Add to enquiry cart”, total number of ID added to cart will show below in “Send Enquiry to Multiple Designer” button
  1. **Enquiry Form**
* When click to “Send Enquiry to Multiple Designer” button, the system will open new page with Enquiry Form(use default layout)
* Interior Designer Selection box
* \*Interior Designer(multiple selection)
* Property Information box
* \*Property Type(dropdown list)
* \*Property Price(dropdown list)
* \*Price (psf) (dropdown list)
* \*Floor Area(dropdown list)
* \*Conditions(dropdown list)
* \*Developer(dropdown list)
* \*Tenure(dropdown list)
* \*Lease Terms(dropdown list)
* Your Enquiry box
* \*Name
* \*Email
* \*Phone
* \*Message
* Submit button
* This enquiry will send notification to those selected Interior Designers, admin’s email and will be capture into database.(refer to back end > Enquiry Management to get the email content to send through email)
* When select multiple Interior Designer Name in Interior Designer Name dropdown box, system will show “multiple selections” text in that dropdown box.
* When clicked to Submit button, system will clear total number of ID into 0 (in the “Send Enquiry to Multiple Designer” button)
  1. **CMS Pages**
* The system shall display rest of the trainings as CMS pages following the content of original web site.

1. **BACK-END MODULE**
   1. **Enquiry Management**

* The system auto-generate the Enquiry Code by format (DDMMYYhhmmss##)

(D: Day, M: Month, Y: Year, h: Hour, m: Minute, s: Second, #: unique random number)

* The system shall allow administrators search enquiry items by:
* Enquiry Code(text)
* Enquiry Date(text)
* Included Designer Name(text)
* Enquirer Name(text)
* Enquirer Email(text)
* Property Type(multiple selection)
* Property Price(multiple selection)
* Price(psf)(multiple selection)
* Floor Area(multiple selection)
* Conditions(multiple selection)
* Developer(multiple selection)
* Tenures(multiple selection)
* Leave Term(multiple selection)
* The system shall allow administrator to view/delete enquiry items with following information.
* Enquiry Code(text)
* Enquiry Date(text)
* Enquirer Name(text)
* Enquirer Email (text)
* Property Type (text)
* Property Price(text)
* Price(psf)(text)
* Floor Area(text)
* Conditions(text)
* Developer(text)
* Tenures(text)
* Leave Term(text)
* Enquirer Phone (text)
* Enquirer Message(text area)
* System uses above fields to email to Interior Designer and admin.
  1. **Interior Designer Management**
* The system shall allow administrators search interior designer items by:
* Interior Name(text)
* Feature Designer(All/Yes/No)
* Established(text)
* Address(text)
* Visibility(All/Shown/Hidden)
* The system shall allow administrators add, edit, and delete interior designer items:
* \*Interior Name (text)
* \*Is Featured Designer (Yes/No)
* If Yes, show “Showing Order” textbox to choose the showing order in Home page
* \*Present Image(1 image – to show in listing page)
* \*Image Gallery (images)
* Each image will have a title(text) to show on that detail Interior Designer page
* \*Logo(image)
* \*Established(text
* \*Warranty/ After Sale Service(text)
* \*Address(text area)
* Description(text area)
* License/Certificate Gallery (images)
* \*Visibility(Shown/Hidden)
  1. **Home Product Management**
* The system shall allow administrators search home product items by:
* Home Product Name(text)
* Home Product and Services (multiple selection)
* Feature Products(All/Yes/No)
* Address(text)
* Telephone(text)
* Website(text)
* Visibility(All/Shown/Hidden)
* The system shall allow administrators add, edit, and delete home products:
* \*Home Product Provider Name (text)
* \*Home Product and Service Category(dropdown list)
* \*Is Featured Product(Yes/No)
* One Home Product and Service Category will only have one featured product and service only
* If Yes, other last featured products and services of that category will be changed to “No”
* \*Address(text)
* \*Telephone(text)
* \*Website(link)
* Description(text area)
* \*Visibility(Shown/Hidden)
  1. **Service Management**
* The system shall allow administrators search service items by:
* Service Provider Name(text)
* Home Product and Services (multiple selection)
* Feature Service(All/Yes/No)
* Address(text)
* Telephone(text)
* Website(text)
* Visibility(All/Shown/Hidden)
* The system shall allow administrators add, edit, and delete home services:
* \*Service Provider Name (text)
* \*Home Product and Service Category(dropdown list)
* \*Is Featured Service(Yes/No)
* One Home Product and Service Category will only have one featured product and service
* If Yes, other last featured home products and services of that category will be changed to “No”
* \*Address(text)
* \*Telephone(text)
* \*Website (link)
* Description(text area)
* \*Visibility(Shown/Hidden)
  1. **Property Listing Management**
* The system shall allow administrators search property listing items by:
* Property Listing Address/Name (text)
* Property Direction (multiple selection)
* Property Type(multiple selection)
* Property Price(multiple selection)
* Price (psf) (multiple selection)
* Floor Area(multiple selection)
* Conditions(multiple selection)
* Developer(multiple selection)
* Tenure(multiple selection)
* Lease Terms(multiple selection)
* Contact Name(text)
* Contact Number(text)
* CEA Reg Number(text)
* Visibility(All/Shown/Hidden)
* The system shall allow administrators add, edit, and delete property listing:
* \*Property Listing Address/Name(text)
* \*Property Direction(multiple selection)
* \*Image (1 image)
* \*Description(text area)
* \*Property Type(dropdown list)
* \*Property Price(text)
* \*Price (psf) (text)
* \*Floor Area(text)
* \*Conditions(dropdown list)
* \*Developer(dropdown list)
* \*Tenure(dropdown list)
* \*Lease Terms(dropdown list)
* \*Contact Name(text)
* \*Contact Number(text)
* \*CEA Reg Number(text)
* \*Visibility(Shown/Hidden)
  1. **Life Style**
* The system shall allow administrators search property listing items by:
* Life Style Name(text)
* Address(text)
* Telephone(text)
* Fax(text)
* Email(text)
* Website(text)
* Posted/Latest Updated Date : From(Date time picker), To(Date time picker)
* Visibility(All/Shown/Hidden)
* The system shall allow administrator to manage life style article with following information.
* \*Life Style Name(text)
* \*Present Image(1 image)
* \*Big Detail Image(1 image)
* \*Address(text)
* \*Telephone(text)
* Fax(text)
* \*Email(text)
* \*Website(text)
* Posted/Latest Updated Date(Un-editable : System auto update the latest date)
* \*Article (text area)
* \*Slogan(text area)
* \*Visibility(Shown/Hidden)
  1. **Special Deals**
* The system shall allow administrators search property listing items by:
* Deal Name(text)
* Retail Price(text)
* NOW Price(text)
* Visibility(All/Shown/Hidden)
* The system shall allow administrator to manage special deal with following information.
* \*Deal Name(text)
* \*Image(1 image)
* \*Retail Price(text)
* \*NOW Price(text)
* \*Description(text area)
* \*Detail Technical Information(free text area)
* \*Visibility(Shown/Hidden)
  1. **Master Files**
* The system shall allow authorized users to manage (add new, edit and delete) following master files.
* Product and Service Category (Lightning, Service, Accessories,…)
* Property Type (HDB Apartment, Condominium,…)
* Price List (from…to…)
* Price (from…to…)
* Floor Area (from… sqft/…sqm to…sqft/…sqm)
* Condition (Partial Furnished, Furnished, Fully Furnished)
* Developer (HDB, Individual, …)
* Tenures(49-years Leasehold, 99-years Leasehold, …)
* Lease Term (1 Year, Ten Months, 26 Years, ...)
  1. **Content Management**
* The system shall allow administrators to add / edit / delete content of CMS pages (News and Events pages, About Us page).
* The system shall allow administrator to manage the homer page sliding banner.
  1. **System Settings**
* The system shall allow administrators to reset the password of administrator accounts.