**Proposal**

**Objects**

User - Customer, Shop Admin(owner), super Admin

Shop - Floor, Hall/Section, Category, Product, Cart, Payment, Coupon

**Function**

Floor Zoom in & out (2D or 3D rendering) -

maybe “a frame” javascript framework should be implemented.

Multi Domain Support

Payment (including coupon)

Reporting and Analysing

Chatting

Ads

Mail Sending, Supporting Function is missing (I guess)

**Development Framework**

Laravel + Vue JS

**Development Schedule and Price**

Members: 4 peoples

System Analysing and Design in detail - (1 week)

Customer Flow - 5000 (1 member - 1 month)

Shop Admin Flow - 3000 (1 member - 1month)

Super Admin Flow - 8000 (2 member - 1month)

Bug Fix and Maintenance - 2000 ( 2 weeks)

Total: 18000 USD

Period:

Basic - 1 month

Complete - about 2 month

The required development time was within 1 month.

**1. Landing Website with CMS**

1.1 Exhibition Info

1.1.1 Up to 20 pages of content included for each of the languages

1.2 Multilingual

1.2.1 Traditional Chinese, Simplified Chinese

1.2.2 Auto code conversion from Traditional Chinese to Simplified Chinese (Will provide library for conversion)

1.3 Membership registration

1.4 Inquiry form

**2. Ad module, supports video and banner**

**3. Virtual exhibition**

***3.1 Exhibitor and Product Directory supports category, tag, and search***

***3.2 Three (3) level virtual exhibition: Floor plan > Hall / Section > Booth***

3.2.1 Floor plan > shopping mall map style

3.2.2 Hall / Section > 2D of 3D with human walking animation

(Like [https://eventxtra.com/wp-content/uploads/2020/08/lobby2.gif](https://www.freelancer.com/users/l.php?url=https:%2F%2Feventxtra.com%2Fwp-content%2Fuploads%2F2020%2F08%2Flobby2.gif&sig=683b49b12df6e0afa4024205c88ff801c3eed011fee9062c2515bd5e0c540e2f))

3.2.3 Booth > Webpage (Eshop)

3.2.3.1 Backend for exhibitors to input their products

***3.3 Connects to Ad module (Item 2)***

***3.4 Payment***

3.4.1 Supports PayPal, AsiaPay (VISA / MasterCard / UnionPay, will provide sandbox account and information)

3.4.2 Let Exhibitor choose payment options:

3.4.2.1 pay to exhibitor’s payment account

3.4.2.2 use own payment services

***3.5 Coupon***

3.5.1 Global Discount

3.5.1.1 Discount on specific product(s)

3.5.1.2 Discount on product category

3.5.1.3 Cash with / without conditions

3.5.1.4 Can exclude exhibitors

3.5.2 Discount on specific exhibitor

3.5.2.1 Discount on specific product(s)

3.5.2.2 Discount on product category

3.5.2.3 Cash with / without conditions

3.5.2.4 API support for Exhibitor’s loyalty or discount card (\*\* Connection service fee not included \*\*)

**4. Report module**

4.1 Record number of visitors by time interval and any given module

4.2 Average time spent

4.3 Money spent

4.4 Google Analytics

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Customer Flow

1. Multi Floor plan (Support like Map's zoom in & out), (May be 2D, or 3D image?)

2. Each shop lay a area on floor plan (The area may can support Polygon)

3. After click a shop area, an overlay will appear.

4. That was a link to shop in the overlay

5. Show all product of the shop (with pagination and category)

6. Allow add product into cart (cart was shop base, it was not allow multi product from different shop)

7. Checkout (register the customer if not register before, or login)

8. Payment (Support online or offline)

9. Payment success message.

10. Customer can check the purchase history

Shop Admin Flow

1. Login from admin page.

2. Allow add/edit/delete product category

3. Allow add/edit/delete product

4. Allow add/edit/delete coupon code

5. Allow set quota for each product.

6. Allow set on sale for each product

7. Change shop setting and other misc setting.

Super Admin Flow

1. Login from admin page.

2. Allow add/edit/delete shop

3. Allow config the shop setting

4. Allow control like the shop owner for each shop

5. Allow add/edit/delete coupon code (for multi-shop)

6. Change the site global setting

7. Change the site global/general contents

Requirement

Each Exhibitor's shop using different subdomain.(But using same system)

Payment gateway is exhibitor base.

Customer is share for all shop.

Support > 1000 shops

Support multi floor plan

Support multi shop in 1 floor plan

Support multi product in 1 shop

Support multi category in 1 shop

Support multi product in 1 category

Product was shop related.

It was allow set different on sale for each shop

(Such as 10% off for over 200 order)

Shop was control by shop admin.

Super Admin was allow to control shop

Customer was share for all shop, but cart was not share in different shop.

Please quota the total cost and estimate time.

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