Platform and Technology

As we have analyze, this will be a good option to develop the web solution in Opencart, open cart is a web based e-commerce platform very popular for e-commerce website. In opencart front end part will be in HTML-5 and Bootstrap while server side language is PHP. It will be cost efficient any easy to upgrade for further modules.

The detail document for whole modules and features are given below.

1. **User Module**
    1. User could log in / register on website with social media account or with manual form.
    2. User could browse web products.
    3. User could make an online order with online payment option or cash on delivery.
    4. User could access there dash board where they could manage there profile.
    5. User could check there recent order in there dash board.
    6. User could submit product return request.
    7. User could check product make over before check out for the cart added products.
    8. User could check product make over while reviewing a product.
    9. User could submit review for a product.
    10. User could apply different discount coupons during check out.

2. **Website User Interface**
    1. System will provide keyword search feature and search suggestion.
    2. System will show most viewed products, recent added products and best seller products.
    3. System will provide different filters like price, color, brand and size.
    4. System will provide add to wish list option.
    5. System will provide add to compare option.
    6. System will provide product detail page with product specification and image gallery.
    7. System will provide bog page for the user, where user could read different blogs and could comment on blogs.
    8. System will provide cart feature where different products could be add / delete in cart.
    9. Cart will calculate total sub total / tax and delivery charged.

10. System will provide option , where user could check product delivery availability status in there area.
11. System will allow multiple currency option and price variation as per country.

3. **Admin Section**
   1. **Product Management Module**

      1.1 Admin could add / edit / delete products.

      1.2 Admin could upload products bulk catalogs.

      1.3 System will provide SEO tags option , that could be updated by admin.

      1.4 System will provide product download option.

      1.5 System will provide product search feature in admin panel.

      1.6 System will provide product image option and seo tags.

   2. **Customer Management Module**

      2.1 Admin could check whole registered customer's profile.

      2.2 Admin could download customer's data in excel sheet.

      2.3 Admin could edit or block to a customer.

      2.4 Admin could check sales of a customer.

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      2.5 Admin could check sales of a customer.

   3. **Order Management Module**

      3.1 Admin could check whole order on admin panel.

      3.2 Admin could update status of an order like Dispatch / Delivered / Cancelled.

      3.3 System will provide sales invoice and dispatch note for an order.

   4. **Discount Management Module**

      4.1 Admin could create different type of discount coupons , customer based, product based , or referral coupons.

      4.2 Per –Coupon minimum shopping amount, maximum discount amount, coupon validity, per user use limit could be defined by admin.

   5. **Customer Re-Marketing Module**

      5.1 System will provide an option where last added item in cart could be check for the registered customer.

      5.2 Admin could create different trigger and mail temp

   6. **Vendor Module-**

      Vendor Type 1-

      6.1 Admin will get a link , this link will open main website.

      6.2 System will calculate sales from the referral link.

      6.3 System will provide shop owner dash board where whole sales , commission and provide will be managed.

6.4 Admin could create this type on seller or these could register directly on website.

6.5 Shop owner have to make payment as per there membership package.

Vendor Type 2-

6.6 These seller could be register from website or can be listed by admin.

6.7 This vendor will get a shop link on main portal.

6.8 System will calculate commission for referral sale and shop page sale.

6.9 System will provide profile management section and commission calculation.

Vendor Type3-

6.10 With including feature of vendor type 1 and 2 this vendor could list their products.

6.11 Vendor could add/ edit / delete products that will be live after admin approval.

6.12 System will calculate referral commission and direct commission for vendor products.

1. **Application System With 2d Face Detection**

1.1 User could upload there picture from there system or from a web cam.
1.2. User could use different make up accessories and brushes for make up.
1.3 System will allow different lighting shades like night, days, led light. This light will blend with user picture and will provide virtual illustion.
1.4 System will provide save and compare option for the make over image.
1.5 System will provide front layer and back layer object scaling option.
1.6 System will provide 2d face detection system.

2. **Application System With 3d Face Detection**

The following points will be added in above module 1.
2.1 System will provide live face detection from web cam.
2.2 System will provide back layer and front layer object movement as the face detection on x and y axis.
2.3 System will provide a option to save this make over video and photo.