**A Technical proposal for Customer and Seller Application**

Technical Brief of Every Project Modules

Here is the technical brief of all modules are described here –

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| Mobile Application for Customers |
| Splash With Shimmer- The application will start with this shimmer option where the logo will be appeared for 5-10 seconds. Then the user will be redirected to the home page of the system. A user can surf the mobile application without being a registered user.  Common Component for Mobile Application- Following components will be common for all the page of the system-   1. Search Bar- Appeared at the top of home page, category page. 2. Notification Button- Appeared on the whole application. 3. Logo- Appeared on the whole application. 4. Log In/ Sign Up Favicon- Appeared on the whole application. If the user is logged in, then his profile picture will be appeared at the top left right corner of the mobile application.   Home Page Section- Following options will be available for the customers at home page in the mobile application of the user-   1. Sign Up- The customer can sign up on to the system by followings information-    1. Mobile Number- Input field.    2. OTP- Input field. 2. Sign In- A customer can sign into the system by using these following options-    1. Mobile Number/ Email- Input field.    2. Password- Input field. 3. Remember Me- This will remember the user for further use. 4. Forget Password- Will be redirected to a web page where the user will be able to recover their accounts by following information-    1. Email Id - Input field. A password reset link will be automatically sent to the user’s email where the user will be able to set the password of the users account.    2. Submit Button- This will reset the password of the user. 5. Product Searching Option- The user will be redirected to the mobile applications home page where the product searching options will be appeared first. The search will be done by- Category, Seller Name, Product Name. Searching will be a   common component of the mobile application. |

1. Banner Section- This banner section will be controlled by the business admin where the user can click the banner & will be redirected to the category or banner content.
2. Categories- All the category will be redirected to the selected portion of the category-based product. This category will be showing case on the side slider.
3. Offer Block- Following offer will be shown at the offer block portion of the system-
   1. Flash Deal.
   2. Discounts.
   3. Trending Now & etc.
4. Product Show Casing- Following product information will be show cased on each product-
   1. Single Product Picture.
   2. Product Name.
   3. Rating.
   4. Price.
   5. Discounts (If available).
   6. Wishlist & Cart Option.
5. Infinite Scroll- The home page will have the infinite scroll.
6. Navigation Menu- The navigation menu will be floated at the bottom of the mobile application page where the following options will be available for the user-
   1. Home Page- By default landing page.
   2. Categories- All the categories will be displayed on the tab view of the application & user will be able to surf through the products according to the categories.
   3. Cart- This cart button will be floated compared with the alignment of the other elements at navigation menu. If the user is a guest user, then this option will show the message to the user about sign in to the system.
   4. Orders- This will contain only the orders that has been placed by the user.
   5. Account- Redirected to the accounts page of the user.

Category Page- At the category page of the mobile application, the categories will be displayed on to the tab view of the system. All the products will be redirected to its own

details page. Each of the category will display the existing products. A product will contain the following information-

1. Single Product Picture.
2. Product Name.
3. Rating.
4. Price.
5. Discounts.
6. Wish List & Cart Option.

* Each of the product can be sorted according to the following filters-
  1. By Price.
  2. By Variation.
  3. Sub Categories & etc.

Product Details Page- A product details page will contain the following information at the mobile application-

1. Product Information- Following product information will be available for each of the products-
   1. Multiple Products Picture.
   2. Product Name.
   3. Product Description.
   4. Products Variants.
   5. Product Availability.
   6. Product SKU.
   7. Store Name.
   8. Product Price.
   9. Discounted Price- This will only appears if any discount campaign isn’t

available for the seller.

* 1. Delivery Information.
  2. Product Rating.
  3. Similar Product Show Casing.

1. Add to Cart Option- This option will add the product on to the cart of the customer.
2. Wish List- This option will add the product on to the wish-list of the customer.
3. Buy Now- This option will redirect the customer on to the checkout page of the system.

Add to Cart Page- This cart page will contain the products with same product information (Mentioned in the Category Page). This adds to cart will have the following features available-

1. Product Information- (Mentioned in the Category Page). Additionally, there will be an option to choose the quantity of the products.
2. Single Selection Option- A user can select a single product to purchase at the single time. System will calculate the price of the products & displayed at the bottom of the mobile application.
3. Bulk Selection- This will select all the products & calculate the price of the products & displayed at the bottom of the mobile application.
4. Amount to be Paid- System will generated the amount that has to pay through the payment gateway. This will be based on the business logic & will be cleared at the meetings.
5. Discount Code Name- Input option.
6. Checkout Option- This option will redirect the user on to the checkout options of the system. But to go through the checkout option, a user should log in to the system.

Checkout Page- The checkout page will contain the following features-

1. Customer Information- A customer has to provide the following information to complete any payment-
   1. Customer First Name.
   2. Customer Last Name.
   3. Shipping Address.
   4. City.
   5. Postal Code.
   6. Email
   7. Phone Number.

* A customer can set up the customer information as the billing information.

1. Billing Information- Same as the customer information.

* Once the information is filled up, the system will automatically update the customer information of the customer accounts.

1. Generate Purchase Request- This option will let the user to create a purchase request for specific product. This purchase request will be stored in both admin

& seller panel. Following status will be maintained by the system here in the purchase request portion of the system-

* 1. Pending- The purchase request will be on pending status until the seller or admin approves it.
  2. Approved- The purchase request will be changed into approved status if the seller or admin approves the purchase request. A Buy Now button will be appeared at the approved section of the mobile apps.
  3. Buy Now Option- These buy now option will open three different payment method. Those are followings-
     1. Cash On Delivery- If the user selects the Cash on Delivery, the system will automatically add 1% of the purchase value along with the total price. This 1% value needs to be paid through payment gateway. After this selection the user will be redirected to the payment gateway.
     2. Online Payment- This will redirect the payment method.
     3. Bank Deposits- This option will open three different field. Those are-
        1. Bank Name- Automatically set.
        2. Bank Account Number- Automatically set.
        3. Bank Account Branch- Automatically set.
        4. Amount- Automatically fetched.
        5. Memo Uploading Option.
        6. Submit Button.

1. Order Confirmation Notification to Seller- Each of the order confirmation will be sent an order confirmation notification to the seller.

Orders- The order option at the navigation bar will contain all the orders that has been placed by user. This order will contain the following features-

1. Summary Order Information- This summary order information will contain the following information-
   1. Order Id.
   2. Product Picture.
   3. Product Name.
   4. Total Amount.
   5. Order Status- Pending, Processed, Delivered, Canceled.
2. Order Details Page- A summary order information will redirect a user to the order details page where the following information will be shown-
   1. Order Id.
   2. Order Date.
   3. Product Information- Mentioned at the Product Details Page.
   4. Delivery Date.
   5. Delivery Status.
   6. Payment Break Down- Payment break down will be divided on to two different parts along with amounts in BDT-
      1. Through payment gateway &
      2. Cash on delivery.
   7. Review Option- A user can leave his review in two ways-
      1. Rating- In 5 \*.
      2. Additional Comments.
   8. Arise Issues- A user can arise issues by this option which will be appeared at the bottom. This button will let the user to make an complain to the admin of the business. This will redirect the user to Gmail.

My Account- The contain of my account will be delivered on to two different portions. Those are-

1. When User is A Guest User- If any user is a guest user following contain will be shown-
   1. Privacy Policy Redirect to website.
   2. Terms N Conditions- Redirect to website.
   3. About Paikariwala- Redirect to website.
   4. Sign In- Sign in Option Appeared.
   5. Become A Seller- Redirect to website.
   6. Help Center- Redirect to phone cal.
   7. Refer A Friend- Redirect to SMS.
2. When User is Logged In-to the System- If any user is logged in following contain will be shown-
   1. My Account- At this option following sub-option will be appeared-
      1. Profile Information.
      2. Edit Profile.
      3. Change Password.
3. Privacy Policy.
4. Terms N Conditions.
5. About Paikariwala.
6. Become A Seller.
7. Help Center.
8. Refer A Friend.
9. Log Out.

Notifications- This option will open a page which will contain a list view of the

notifications. The notifications can be “mark as read” & “can be deleted”. This notification

will be a push notification which will triggered when the page is reloaded.

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| Mobile Application for Seller |
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product information. A seller will be redirect to the product details page when he

clicks any of the product’s list at the home page.

1. Product Details Page- A products details page will contain the following information-
   1. Multiple Products Picture.
   2. Product Name.
   3. Product Description.
   4. Products Variants.
   5. Product Stock.
   6. Product SKU.
   7. Product Price.
   8. Product Active/ In-Active Option- Toggle Button. More to follow at the products management.
2. Navigation Menu- Following contains will be appeared at the navigation menu of the application for seller-
   1. Home- By default landing page which contains the products.
   2. Orders- The unhandled orders will be listed here.
   3. Add Products Button- This cart button will be floated compared with the alignment of the other elements at navigation menu.
   4. Sales Management- Will be redirected to the sales management portion of the system.
   5. Cash Transfer Request-Will be redirected to the cash transfer option of the mobile application.

Orders Management- At the order portion of the system, following features will be available for the seller-

1. Order Filtering- All the order will be filtered on to different parts (with the latest date comes last) according to the delivery status-
   1. Pending- All the pending order will be stored here. The user will be able to accept/decline any order from this pending list. This option will have a options open when the user accepts the order-
      1. Delivery Charge Input Option- Input field.
   2. Processed - All the processed order will be stored here.
   3. Canceled- All the canceled order will be stored here.
   4. Delivered- All the delivered order will be stored here.
2. Order Information- The order information will have the following attributes-
   1. Product Name.
   2. Customer Name.
   3. Product Quantity.
   4. Total Amount.
   5. Amount Paid.
   6. Change Order Status- This will be a drop-down list, which will contain the following status changing option-
3. Processed.
4. Shipped.
5. Delivered- When any of the order status is changed to the delivered, this order will be duplicated on to the sales list of the system.

* When any of the status is changed, the system will track down the changed date

of the status.

1. Order Details- Most of the order details will be fetched automatically. Order details will contain the following information-
   1. Order Id.
   2. Product Name.
   3. Product Quantity.
   4. Customer Name.
   5. Customer Address.
   6. Customer Phone No.
   7. Discount Price.
   8. Total Amount.
   9. Total Delivery Charge.
   10. Total Commission.
   11. Total Paid Amount- On Gateway.

Products Management- Before adding any products on his store, the seller needs to complete his profile. Following options will be available for the seller to manage products on to the system-

1. Add New Products- This adds products button will let the seller to add any products according to the category for their own store. The products that have been added onto the system will needs approval & stored on to the admin panel

of the business. Only the approved products will be appeared at the stored. To add any product seller has to give the following information-

* 1. Product Category Selection- From drop-down.
  2. Product Name.
  3. Products Description.
  4. Product SKU.
  5. Product Picture- Up-to 4/5.
  6. Product Stock.
  7. Product Variants.
  8. Product Weight.
  9. Products Selling Type- Box/ Pieces.
  10. Minimum Quantity.
  11. Product Cost Price.
  12. Product Sale Price.
  13. Discounted Price- This discounted price will only appear at the customer end when no campaign is running for the seller.
  14. Total Commission- Automatically calculated by the system.
  15. Total Profit.
  16. Submit Option- This option will create the approval request for the product at the business admin panel.

1. Products List- All the approved products will be available at the home page of the mobile application.
2. Product Details Page- Mentioned in the home page section. At the details portion of the products, three action button will be appeared. Those are-
   1. Edit Product Information- Without Product Category, Product SKU & Product Selling Type other things can be edited.
   2. Product Active/ In-active Option- Toggle Button.
   3. Update Product Price- This button will let the seller to update the product price. An approval will be needed to update the pricing for any products.
   4. Delete- Will delete the products from the system.

Sales List/ Management- Only the delivered ordered will be considered as the sales. Those order will be automatically shifted onto the sales list/ Management.

Cash Transfer Request- A seller needs to complete his profile first (Mentioned in the seller profile management). After filling the seller account information any seller can

generate any transfer request. This cash transfer request will be used for requesting cash transfer from the business admin. This transfer request can be done by using these following options-

1. Cash Transfer Medium Selection- From drop-down. Bank/Bkash/Nagad Etc.
2. Bank Name, Branch Name- If selected bank.
3. Bank Account/ MFS Number,
4. Amount Input Option.
5. Request Cash Transfer- This will generate a cash transfer request for the seller to the business admin.

My Profile Option- This option will be appeared in every page of the mobile application. When any user clicks on to my profile option, a left/right side bar will be appeared. This side bar will contain the following options-

1. Seller Profile.
2. Discount Management.
3. Cancelled Order List.
4. Refunded Order List.
5. Accounts.
6. Reports.
7. Terms N Conditions.
8. Log Out Options.

Seller Profile Management- A seller can edit the information of him/her store as well as the personal information of his/her. A seller has to complete his profile information before making any cash out request-

1. Seller Profile Picture- Optional.
2. Store Picture- Optional.
3. Seller Name-Mandatory. Input field.
4. Seller Store Name-Mandatory. Input field.
5. Seller Address-Mandatory. Input field.
6. Seller Location-Mandatory. Input field.
7. Seller Phone Number-Mandatory. Input field.
8. Seller NID Number-Mandatory. Input field.
9. Seller NID Uploading Option-Mandatory. Input field.
10. Seller Trade Licenses No-Mandatory. Input field.
11. Seller Trade Licenses Uploading Option-Mandatory. Input field.
12. Seller Bank Account Number-Mandatory. Input field.
13. Seller Bank Account Name-Mandatory. Input field.
14. Seller Bank Name-Mandatory. Input field.
15. Seller Bank Accounts Branch Name-Mandatory. Input field.
16. Seller MFS Name- -Mandatory. Bkash/ Nogod. Drop-down selection.
17. Seller MFS Number-Mandatory. Input field.
18. Complete Profile-Button.

Discount Management- A seller can create any discount for any product/ product category. In order to create any discount, seller will have the following options to operate on-

1. Create Discount Option- A discount can be created by using following features-
   1. Campaign Name- Input field.
   2. Discount Activation Date- Selection from calendar.
   3. Category Selection- Selection from available category.
   4. Discount Type Selection- In Cash or Percentage.
   5. Discounted Amount- According to the selection, if cash it has to be number & if percentage it has to be in percentage value. System will automatically calculate it.
   6. Create Discount Campaign.
2. Discount Campaign List- All the discounted campaign will be listed here automatically.

Canceled Order List- Only the cancelled order will be listed here. This list will only contain the basic information of the order.

Refunded List- Subject to be discussion.

Accounts- These accounts will be automatically generated. Each and every transaction will be listed here automatically by the system.

Reports- Monthly, Yearly & Custom Date Selection Report for seller. Terms N Conditions- Redirected to the website.

Log Out Option- The seller won’t be logged out from the system automatically. But by using this option a seller can logged out himself/herself from the system.

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| Admin Panel for Business Stakeholders |
| Following options will be available for the business admin to operate the business- |

Category Management- The admin will be able to create the category for the system from here. The category management will have the following options-

1. Category Creation- By providing following input a category can be created-
   1. Category Name- Input option.
   2. Icon Uploading Option.
   3. Create Category Option- This button will create the category for the system.
2. Sub-Category Creation- By providing following input sub-category can be created-
   1. Parnet Category Selection- Selection from drop-down.
   2. Sub-Category Name- Input field.
   3. Icon Uploading Option.
   4. Create Sub-Category- This button will create the sub-category for the system.
3. Category & Sub-Category List- All the category & sub-category will be listed here automatically.

Commission Management- From this option, the admin will be able to create commission for the specific category. Following options will be available at the commission management of the system-

1. Commission Creation- Process of the commission creation will be easy. A user has to do the following task-
   1. Selection of Category- From drop-down.
   2. Commission Amount in Percentage- Input field.
   3. Create Commission- This button will create the commission for the system & will be listed at the commission list of the system.

Products Management- The admin will be able to manage all the products from the products management. Following options will be available at the products management portion of the admin panel-

1. Products Approval List- All the products that has been added by the seller will be listed here. This list will contain the following field-
   1. Seller Id- Automatically fetched.
   2. Seller Name- Automatically fetched.
   3. Seller Location- Automatically fetched.
   4. Product Category- Automatically fetched.
   5. Product Name- Automatically fetched.
   6. Product Price- Automatically fetched.
   7. Commission Rate- Automatically fetched.
   8. Accept/ Decline Option- The admin will be able to accept or decline the products. If the products are accepted the products will be appeared at the store of the seller. If decline, the products will be deleted. But in times of declining any products, the admin has to give remarks note about the reason of declining products.
   9. Action Button- This action button will contain the followings-
      1. Edit Option- Admin can edit the products of the seller.
      2. View- Admin can view the products of the seller. At the view option, the mentioned products details (A-G) along with the products picture will be appeared.
      3. Delete- Admin can delete the products of the seller.
2. Products List- All the products that has been added to the system & accepted by the system will be appeared at the product list. The field of the products list will be the same mentioned in the previous option (Products Approval List). Store/Seller wise products can be found from here.
3. Product Filtering & Searching- Products can be filtered & searched by the-
   1. Seller/Store Name.
   2. Product Category.
   3. Product Name.
   4. Commission Rate.
   5. Product Id.

Seller Management- All the sellers of the mobile application can be managed from here. The seller management portion of the system will have the following options-

1. Seller Approval List- The seller can register onto the system from the website. The approval list will have the following field-
   1. Seller Name- Automatically fetched.
   2. Seller Company/Store Name- Automatically fetched.
   3. Seller NID- Automatically fetched.
   4. Seller Address- Automatically fetched.
   5. Seller Location- Automatically fetched.
   6. Action Button- At this action button of the system following options will be available-
      1. View Option- The user will be able to view the seller details information. Following details will be shown here-
         1. Seller Name.
         2. Seller Store Name.
         3. Store Id.
         4. Seller NID.
         5. Mobile Number.
         6. Seller Address.
         7. Seller Location.

A seller needs to provide the following information to do the registration at the system.

* + 1. Approve/ Decline Option- An admin can approve or decline the seller from here. Both operations will send the SMS to the seller through SMS gateway about Accepting/Declining the seller registration.

1. Seller List- All the seller that has been approved here at the seller list. This seller list will contain the following information of the seller-
   1. Seller Id- Automatically generated.
   2. Seller Name.
   3. Seller Store Name.
   4. Seller Address.
   5. Seller Location.
   6. Seller Phone Number.
   7. Seller NID Number- After this option, all other options can be found at the seller details. (View button of action button).
   8. Seller NID Picture.
   9. Seller Trade Licenses Number.
   10. Seller Trade Licenses Picture.
   11. Seller Bank Name.
   12. Seller Bank Account Name.
   13. Seller Bank Account Number.
   14. Seller Bank Account Branch Number.
   15. Seller MSF Name.
   16. Seller MFS Number.
   17. Seller Profile Picture.
   18. Store Logo.
   19. Action Button- At the action button following options will be available-
       1. View Option- The details of the seller can be viewed here. From Option A-R will be found here.
       2. Profile Status-Complete/In-complete.
       3. Seller Active & De-active Option- Admin can restrict the access of the seller on to the system by this option. If the seller is de- activated from the backend the seller won’t be able to log into the system.
       4. Delete Seller- The super admin can only be able to delete the seller from the system.

Orders Management- All the orders can be managed from here at the system. This management will have the following options-

1. Order Approval by Admin- The order of the customer can be approved by the admin of the business. This will be a list in which the accept & decline option will be available to complete any order. If any order approves or decline by seller or admin, it can’t be altered in anyway. After accepting the order, admin needs to provide the delivery charge information from here.
2. Order List- All the orders that has been processed by the seller will be listed here. This list will contain the following fields-
   1. Order Id- Automatically fetched.
   2. Store Id- Automatically fetched.
   3. Customer Id- Automatically fetched.
   4. Store Name- Automatically fetched.
   5. Customer Name- Automatically fetched.
   6. Customer Phone No- Automatically fetched.
   7. Product Category- Automatically fetched.
   8. Products Name- Automatically fetched.
   9. Product Quantity- Automatically fetched.
   10. Products Price- Automatically fetched.
   11. Discount Code- Automatically fetched.
   12. Total Commission- Automatically fetched.
   13. Order Status- Automatically fetched.
   14. Canceled Order Button- This button will cancel the order for the customer. If any admin wants to cancel the order, a remarks option will be appeared where the admin can give the remarks about cancellation of the order. The system will automatically process the refund amount to the customer’s account.
       * This list can’t be altered but can view from the action button.
3. Canceled Order List- All the order that has been canceled will be listed here. This list will contain the following options-
   1. Order Id- Automatically fetched.
   2. Cancelation Id- Automatically fetched.
   3. Store Name- Automatically fetched.
   4. Product Name- Automatically fetched.
   5. Customer Name- Automatically fetched.
   6. Cancelation Remarks- Automatically fetched.
      * This option will sent a notification to the customers & seller.

Sales List- All the sales that has been generated from the system will be automatically store here. Only the order that has been delivered to the customers will be listed here in the sales management portion. The field of the list will be same as the order list information (Mentioned in Orders Management). Sales list can be filtered & searched according to these conditions-

1. Seller Name.
2. Store Name.
3. Discount Campaign Name.

Discounts Management- This discount management of the system will let the admin to create discounts for the seller. This discount management will have the following features-

1. Discount Creation- Following options will be available to create discounts here in the system-
   1. Discount Campaign Name- Input field.
   2. Selection of Seller- From drop-down.
   3. Selection of Category- From drop-down.
   4. Selection of Sub-Category- From drop-down.
   5. Discount Amount- Input field & in percentage.
   6. Activation Date- Selection from calendar. Admin can select the from & to date.
   7. Create Discount- This will create the discount for the seller.
2. Discount List- All the discounts campaign name can be found from here. This list view will contain the field that has been mentioned in the discount creation portion. (From A-F).

Cash Transfer Management- The cash transfer request will have the following option-

1. Cash Transfer Request List- All the request that has been generated by the seller will be listed here. This list will contain the following options-
   1. Cash Transfer Request Id- Automatically generated.
   2. Seller Name- Automatically generated.
   3. Store Name- Automatically generated.
   4. Cash Transfer Request Date- Automatically generated.
   5. Cash Transfer Requested Amount- Automatically generated.
   6. Cash Transfer Medium- Automatically generated.
   7. Bkash/Nogod/Bank Account Number- Automatically generated.
   8. Approve or Decline Option- If any admin approves the request, a pop up will be open which will contain the following options-
      1. Receipt Uploading Option.
      2. Trix Id Input Option.

If admin decline, the system will open a pop up which will contain a Remarks Option in which the admin has to provide the reason behind declining their request.

* Without these two options, any of the transfer request can’t be approved.

Both the operation will send the notifications to the seller.

1. Approved Cash Transfer List- All the approved cash transfer will be listed here.
2. Declined Cash Transfer- All the declined cash transfer will be listed here. Accounting Management- This accounting management will mostly automatically be generated. This portion will have the following options-
3. Store Wise Accounts Payable List- The receivables & payables of the seller will find on this list. This list will be connected with the sales list of the system. This list will have the following options-
   1. Store Selection- From drop-down list.
   2. Date Selection- From calendar.
   3. Sales List- All the sales of the specific store on the specific time line can be found here. The system will deduct the commission & calculate total payable of the store here.
4. Settlement Option- This option will let the admin to settle the amount of the sellers. Following options will be available here-
   1. Store Selection- From drop-down.
   2. Total Payable- Automatically calculated.
   3. Amount Paid- Input option.
   4. Receipt Input option.
   5. Trix Id- Input option.
5. Settlement List- All the settlement list that has been generated will be listed here automatically. This list can be found according to the store name.
6. Refund List- All the refunds will be stored here.
7. Ledger- System will generate an automatic ledger according to the seller.
8. Profit Loss Calculation- System will calculate the total profit here from the system.

Reports Management- Different types of report can be generated from here.