Name

Functional Requirements Specification Document

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Change Control Table: Points Appended in Every Version will be listed here,

Added Date	Version	Points Added	Pages	Points Added By

1. INTRODUCTION

NAME – Digital Photo printing Mobile Application Development.
Electronic Documents Centre LLC (referred as EDC) pioneer in the field of Information Technology Data Management and Fulfillment, wish to introduce a New Smart Service for their Digital Print unit in UAE Region called Name.

2. PURPOSE

EDC wish to provide a mobile app for individual customers in UAE and neighboring countries where they can upload their Photos from their smart mobile phone using this App in order to physically print those photos individually or in a photo album. EDC receives the photos through their mobile app and prints them in a photo paper and convert it into an album and dispatch to the end customer.

3. POINTS OF CONTACT

Below is the list of Point of Contacts relevant to this project.

Contact Name	Contact Type	Department	Contact Number	Email	Oversight Function

4. FUNTIONAL REQUIREMENTS AND USER IMPACTS

4.1 Overview of Functions

EDC requires a mobile app for individual customers to upload their photos from the mobile phone for printing the photos in a hard copies and create an album. The mobile app should have the primary function listed below,

- Upload photos through mobile app for printing.
- Online Payment options (Pay as you go)
- Different sizes of photos and price option accordingly.
- Delivery option of photo album
- Collection of photo album from stores.

4.2 Functional Requirements

In order to accomplish the above-articulated need, EDC requires Smart Phone Application & Internal web portal to track and complete the orders that includes the following functionality segregated based on Modules:

a. Login / Registration
b. Profile
c. Subscription model
d. Menu List
e. Home screen/Dashboard with all the possible photo print options
f. Add and Order
- Select the type of Print
- Load photos from gallery
- Select photos from Gallery
- Edit the album, rearrange the photos according to the selected option
- Preview the album/photo
- Add to Cart

g. Cart listing
h. Checkout
i. Payment Gateway Integration
j. Manage various Push notifications based on the order status
k. General app settings
l. Feedback/Contact Us

Additional Inner Pages like About Us, Terms and Conditions, How to Use, FAQ etc

4.2.2 Process of Mobile Application.

- EDC to develop a mobile app where individuals should be able to download this app and upload selected photos from their mobile phone gallery for printing.
- The app will be developed on both Android and IOS.
- The app will be bilingual (Arabic/ English)
- The app will be available globally (or with certain regions only.)
- The mobile app should have the features of subscription model and pay as you go option.
    - ❖ Based on the subscription model (Both the models will have options available based on no. of photos for the booklet e.g. 15 / 30 / 60 photo per booklet
    - ❖ Subscription Model – user will get the selected number of photo booklet once a month for 1 year
    - ❖ On The pay as you Go Model – user can select any option any time
    - ❖ Once registration is over, user will add / shoot photos, options like "delete", "Group" should be available to manage / manipulate the photos
- Once they upload the photos accordingly the total cost will be derived through the app and guide the individual for delivery Option.
- The App should have the option to include special promotional packages which will run for certain period.
- The special promotion content and products needs to be updated by EDC according to the business requirement.
- Options for two delivery methods. (Collection at store/ delivery through courier)
- If courier Customer needs to update the delivery address with location Pin selection.
- Based on the options the total cost to be derived for the package.
- The mobile app will be integrated with a Payment gateway for payment.
- The Payment gateway needs to have multiple currency acceptance.
- Cash on delivery also an option for the payment.
- The App will be connected to a server or cloud where the photos will be stored.
- On successful payment an order reference number to be created and notification to be send to individual through mobile app.

4.2.3 Details for Mobile Application Modules Charges in Proposal

Mobile Application Module Requirements	Importance	Design Possibilities	Charges Included In Proposal	Additional Cost If applicable
Login Page	Mandatory	YES / NO	YES / NO	YES / NO
Manage Profile	Mandatory			
Subscription Model	Mandatory			
Menu List	Mandatory			
Dash Board	Mandatory			
Order Management	Mandatory			
Cart Listing	Mandatory			
Payment Gateway Integration	Mandatory			
Push Notifications	Mandatory			
General App Configuration settings	Mandatory			
Feedback / Contact Page	Mandatory			
Terms and Conditions , FAQ , How to Use App Pages	Mandatory			
Contributions to album through invitation	Mandatory			
SMS Gateway Integration	Mandatory			
Logo Designing	Mandatory			
Promotions in Social Media of the Product	Mandatory			
Any Limitation in Number of Pages or Forms in Mobile Application	Mandatory			

4.2.4 Additional Details Required in Mobile Application Development

Mobile Application (IOS operating System)	Details of Software and System used	Additional comments (if any)
Language(s)		
Development Environment		
Application Version Minimum Compatibility		
Back End Database		
Mobile Application (Android Operating System)	Details of Software and System used	Additional comments (if any)
Language(s)		
Development Environment		
Application Version Minimum Compatibility		
Back End Database		

Mobile Development - Breakup Details	Number of Man Days for Each Process
Brand Logo Designing, and Promotion	
Detailed Analysis and Design	
Mobile Page Design, Define Navigation and Implementation	
Web Service Extension	
Android Development	
IOS Development	
Quality Assurance, Quality Control, Integration Testing, Unit Testing	
Deployment	
Total Mobile Development Days	

Above details are considered for selecting the Vendor for Application Development. Expecting all the field details for our validation and decision making.

5.0 Web Portal Requirements:

- A web portal needs to be developed for EDC digital print unit for order management.
- EDC digital print gets a notification on the order Placed by the customer with order reference number.
- EDC download the photos related to the order and does the print and fulfillment.
- EDC to generate an AWB Number if the delivery mode is by courier.
- EDC to update the job completion for the order reference number along with the AWB number if the delivery mode is by courier
- Once updated a notification to be triggered to the customer mobile app with the AWB number details or notification for pickup timing.
- Once the booklet is delivered the details to be updated across the order reference number
- EDC should be able to update the special promotion page with products and different pricing which needs to be integrated and reflected in the mobile app for the end customer.

5.0.1 Web Portal Requires the following modules in the web page.

Web Portal Module Requirements	Importance	Design Possibilities	Charges Included In Proposal	Additional Cost If applicable
Web Login Page	Mandatory	YES / NO	YES / NO	YES / NO
Web Dash Board	Mandatory			
Admin Settings	Mandatory			
Customer Management	Mandatory			
Order Management	Mandatory			
Reports Management	Mandatory			
Invoice Management	Mandatory			
Promotions Management	Mandatory			
Delivery Management	Mandatory			
Courier Vendor Management	Mandatory			
Contact Us	Mandatory			

Each Module will contain multiple pages, as per our requirements.

Details of each page will be provided once we finalize the vendor.

Web Portal Modules	Details of Software and System used	Additional comments (if any)
Web Server		
Operating System		
Language		
Database		

5.0.2 Web Portal Development Timelines

Web Development - Number of Man Days Breakup Details	Number of Man Days for Each Process
Detailed Analysis and Design	
Web Design, Define Navigation and Implementation	
Web Site Development	
Quality Assurance, Quality Control, Integration Testing, Unit Testing	
Deployment	
Total Web Site Development Days	

6.0 Vendor Information Detail

Fill in the following details to understand about your expertise and strength of your company.

Vendor Portfolio Details	Vendor Feedback
Development Experience in Years	
Location of Vendor	
Team Strength for Deliverables Managements	
Turn Around Time for Request and Feedbacks.	
Work References for mobile and Web Application Development	

Vendor Services to be Delivered	Vendor Feedback
Application Development and Maintenance	
Testing Services	
Information Management and Digital Marketing Efforts	
Ideas and Process Improvement for better delivery of Products	
Weekly Report on Development	
Source Code Delivery	
Feedback on Milestones of Project	
Copyright of Product	
Support Duration after Product Delivery	
Cloud Hosting Service	
Project Plan	
Software Requirement Specification (SRS) Document	
Functional Specification Document (FS)	
Final Fully Developed & Tested Application	
Complete Process Documentation after Project Completion and Hand Over	
Timelines for Change Request Raised within a Year and After an Year	

Financial Details for the Project Deliverable	Vendor Feedback
Hosting Charges	
Additional Plug Ins, Software Charges	
Social Media Integration	
Migration of Database	
Total Number of Days for Development	
AMC Charges Per Year for Maintenance	
Total Cost for Development with Present SOW Understanding is required in Currency (USD).	

1. Any additional Charges to be Incurred by EDC should be mentioned clearly in this document.
2. Add on Services provided by Vendor should also be listed as additional facilities in your proposal.