Name

Functional Requirements Specification Document

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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/ Subscription model)
- 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:

4.2.1 Features of Mobile Application module.

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
m. 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.
    - o 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
    - o Subscription Model – user will get the selected number of photo booklet once a month for 1 year
    - o On The pay as you Go Model – user can select any option any time
    - o 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.

Features of Web Portal Application:

a) Login
b) Dashboard
c) Admin settings
d) Customer management
e) Order management
f) Reports
g) Special Promotion management

- 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.