

PROJECT 2

MOBILE APPS & WEBSITE FOR ONLINE PRINTING

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ELECTRONIC DOCUMENTS CENTRE LLC

SCOPE OF WORK : PROJECT 2

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OVERVIEW

PROJECT BACKGROUND AND DESCRIPTION

Electronic Document Centre LLC (referred as EDC hereafter in this document) – Pioneer in the field of Information Technology Services for Data Management and fulfillment process, extends its services to all its customers using Web and Mobile application.

Project 2 application development to cater Customer's needs related to **print their documents, photos, books etc.**, right from their Mobile / Laptop / Tablet and Desktop devices. EDC performs fulfillment activities from printing to finishing, and delivers to Customer via Courier.


PROJECT SCOPE

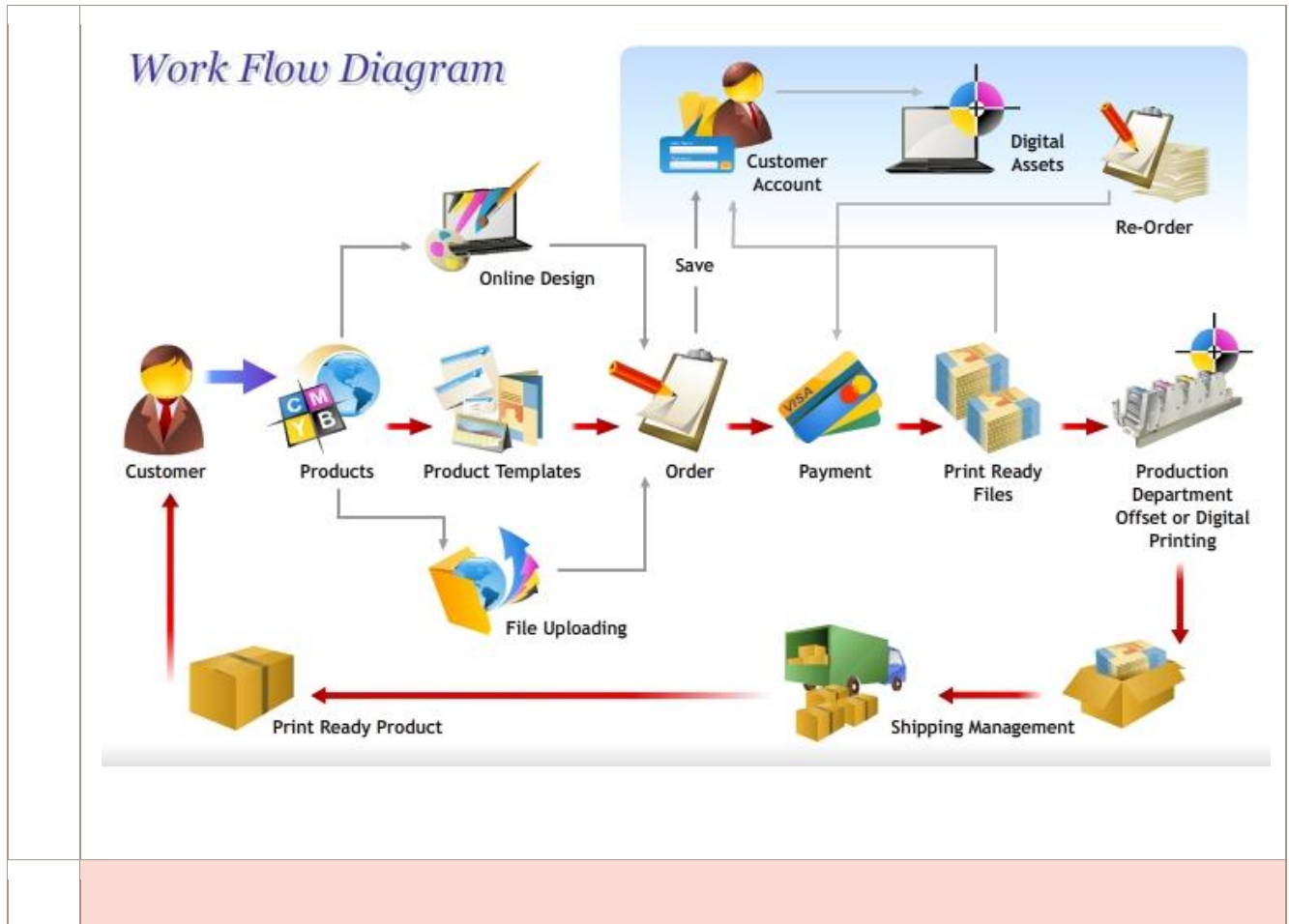
Project 2 : Scope Details	
1	Project2 targets mainly the individuals with Smart Phone as their vital (or) prospective customers.
2	Application Region Coverage will be targeting UAE Customers . Expansion will be carried out in future.
3	Mobile application in Android and iOS platforms and Website needs to be created for Project2.
4	Customer using our Mobile App or Website will have access to view our products and promotions .
5	Customer may wish to print their Photos, Documents, Personalized Cards, Business Cards, Letter heads etc.,
6	Products are grouped under Categories and Sub Categories based on above mentioned items.
7	Customer wish to print Photos, will be selecting Product & Images and uploads to our Cloud Storage .
8	Application verifies whether Client already registered and signed in to application or not.
9	If not, then Customer needs to Register and Sign in to our application.
10	Registered and Verified customers only can place order in both Mobile and Website.

	Customer Registration Process
1	Registration Process, request customers to provide address details for product delivery.
2	Valid Email ID and Mobile Number for authentication of information mentioned in the registration form.
3	One Time Password or Email ID Verification Link will be sent to client for confirmation of the details provided.
4	On Confirmation, client will receive email with Successful Registration with verification.
5	If Mobile, then customer will be receiving Push Notification with registration details as confirmation.
6	During Registration process, use " I am Not Robot " CAPTCHA checking process.
7	Customer should sign in exclusively for placing orders using our application.
	Order Scope Details
1	Each product is designed with unique style and fixed price based on quantity, Size, Paper material.
2	Price should change automatically, including VAT , based on user selection on number of quantity.
3	Product needs to be added to the shopping cart, and stays their until deleted exclusively by the user.
4	If customer proceeds with placing order, then shopping cart should list all the products available in the cart.
5	When customer moves to checkout process, then application requests card details for the payment.
6	Standard Card processing methods will be used to process the order.
7	On successful transaction, customer receives push notification with order details to their mobile device & email.
8	Order Code generated will be now available for EDC Admin in the Order module.
9	EDC Admin access the order details via Website and proceeds with fulfillment process.
10	On completion of fulfillment, EDC generates AWB for delivery, and dispatch the packet to Courier.
11	Courier personal will in turn delivers the consignment to Customer.
	Generic Scope Details
1	Mobile Application will be the priority in this project along with website modules to display and sell our products.
2	Website should have additional modules to monitor and process the orders placed by customers.

3	Website Interface requires modules to edit Products, with addition, deletion, changing texts in specific parts.
4	EDC personal will be updating Products and Promotions in the website on time to time basis.
5	Website and Mobile App (here after referenced as WMA) should get updated automatically.
6	Mobile Application and Website Product listing will contain bilingual headings. [English / Arabic].
7	WMA will have Payment Gateway Integration with EDC Specified Vendor for Transactions.
8	Cloud Storage Integration details will be the main part to Storing and Retrieving Images in encrypted format.
9	Courier Vendor application will be integrated with Website for generating Airway bill, for delivery process.
10	Images used for printing should follow the following conditions,
11	Image should not contain any illegal information, or indecent info.
12	Image quality should follow minimum resolution for printing. Details will be shared during SRS process.
13	Using Microsoft Azure Cognitive Services in Website Development, will be added advantage
14	Computer Vision – Image Classifications (Scene and activity recognition in images, celebrity and landmark recognition in images etc.,)
15	Custom Vision - The Custom Vision service will efficiently reduce mammography image quality issues by identifying non-applicable image types such as quality control images.
15	Content Moderator – For controlling Explicit or offensive Contents getting rejected during File uploads to Application.
16	Image Storage will be based on the Subscription package selected by customer.
17	Subscription package details will be shared by EDC during SRS Process.
18	Apart from Social networks, Customer should be able to upload files from their Drop Box, Google Drive, One Drive accounts, local hard drive, SD Card also.
19	Android and iOS Customers should have these facilities in Mobile Application.
20	Website will also have these facilities. Social network will get automatically connected using the privileges provided by User in the previous sessions, until user exclusive disconnects them.

	Mobile Scope Details
1	Customer using Mobile App can view all our products in guest mode by default.
2	If Product selected by customer, belongs to customization category (eg., Photo Related), then Customer should have the Option to upload the images either as zip file or Individual Images or combination of both.
3	If direct printable documents, then customer should provide in PDF Format . If special fonts are used, then Font file should Also to be uploaded along with PDF File.
4	Connecting People Page is required in both mobile and website.
5	Customer can login to social networks (Facebook / Instagram / Pin Interest / Google+ etc.,) from our application.
6	Our application should display Images from these logins by importing images. (Terms and condition will have a point for client approval on this)
7	When customer login via our application, option should be provided to display contacts from their social network.
8	Prompt user to select their friends and relatives and introduce our products to them by connecting or sharing a notification Sent from our App.
9	Mobile Menu list will be shared by EDC.
	Website Scope Details
	Website caters two major functionalities as mentioned below,
1	Products for Online Shopping
2	Administration and Control
	Brief requirements are listed here for the website functionalities for Point 1.
1	Product Listings (Filter options based on Categories and Price is required)
2	Categories Section
3	Services Listings
4	Subscription Packages Listing


	Website functionalities for Point 2.
1	Files Handling (Storing and Retrieving Files from Cloud Server – Microsoft Azure)
2	Jobs Management (ERP Integration)
3	Administration Section
4	User Management (EDC Personal Accessing Web Site Settings)
5	Customer management
6	Order management
7	Reports Management
8	Product Management (EDC should able to Add/ Edit / Delete Products)
9	Invoice Management (View, Print)
10	Special Promotion management
11	Delivery Management (View Delivery Mode, Update Delivery Status, Generate AWB)
12	Courier Vendor Management (Add / Edit / Delete Vendor)
13	Contact Us
	Above mentioned sections are expected in the Website. Detailed requirements will be explained during SRS process.
	Diagram attached here shows overall process of the project.
	<p style="text-align: center;">Shopping Process</p>  <pre> graph LR A[Register Member] --> B[Select Design] B --> C[Place Order (Add To Cart)] C --> D[Choose Shipment Term] D --> E[Choose Payment Term] E --> F[Submit Order] F --> G[Goods Shipping] G --> H[Received] </pre> <p>The diagram illustrates the shopping process flow. It starts with 'Register Member' (person at computer), followed by 'Select Design' (shopping bag with magnifying glass), 'Place Order (Add To Cart)' (shopping cart), and 'Choose Shipment Term' (document with checkmark). From 'Choose Shipment Term', the flow goes down to 'Choose Payment Term' (credit card and document), then to 'Submit Order' (shopping cart with heart), 'Goods Shipping' (truck), and finally 'Received' (person with boxes).</p>



HIGH-LEVEL REQUIREMENTS

	Main Objectives for the Project
	<p>The new system must include the following:</p> <ul style="list-style-type: none"> • Ability to allow both internal and external users to access the application without downloading any software. • Ability to access via Mobile and Website and place orders. • Ability to interface with the existing data warehouse application (ERP Integration) • Ability to interface with Payment Gateway Integration, Cloud Storage and Availability online for 24/7. • Ability to incorporate automated routing and notifications based on business rules. • Ability to integrate with EDC ERP in the near future for Order processing and tracking.

DELIVERABLES


 [List agencies, stakeholders or divisions which will be impacted by this project and describe how they will be affected by the project.]

AFFECTED PARTIES

i [List business processes or systems which will be impacted by this project and describe how they will be affected.]

AFFECTED BUSINESS PROCESSES OR SYSTEMS

i [Describe any specific components that are excluded from this project.]

SPECIFIC EXCLUSIONS FROM SCOPE

i [Describe how you plan to implement the project. For example, will all parts of the project be rolled out at once or will it be incremental? What will be included in each release?]

IMPLEMENTATION PLAN

i [Include recommendations that lead to your proposed solution. Summarize what you're proposing to do and how you're going to meet the goals. You'll be able to expand on the details within the 'Our Proposal' section.]

HIGH-LEVEL TIMELINE/SCHEDULE

	Timelines for Project Delivery

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date
Paul Andrews	Operations Director	24/06/2018

Approved By Paul Andrews

Date

Approved By

Date