

E-Cycle Retailer App Based on Salesforce Platform

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Abstract- E- Cycle retailer App allows fictitious electric bicycles manufacture, manage their products and reseller orders using Salesforce platform. The need of the Electric-Cycle online retailer App is to simplify purchase E-cycle with complete requirements and to avoid the end user frustration and increase the productivity to the retailer. Product Explorer will provide the complete details of the E-cycle which is select by the customer by adding filters and the product is ordered by the reseller and the data is stored in reseller orders. These paper explain about the system provides complete solution to manage the time of cycle riding enthusiast to get a good and selected E-cycle through the reseller.

Keywords- Salesforce, CRM, Sales Cloud, LWC, Lightning Components.

I. INTRODUCTION

E-Cycle retailer App is a reseller based app in which the merchant will manage the products and does the selling, the products required for the consumer. These papers absolute explain about how the data is stored and viewed and explore the products and order product details through reseller order.

The products will be order according to the customer preference through online store in which the selection is done by the customer by adding the filters and removing the unwanted filters for them and order is placed. The ordered data will be present in the reseller order. Although it is app for retailer but it even helps the customer to get the preferred product easily and maintain the time consuming processes.

II. LITERATURE SURVEY

Salesforce is a customer relationship management system that connects businesses and their customers while also facilitating business-to-business processes. It is one integrated CRM platform that gives all of your departments a single common picture of every customer including marketing, sales, commerce and service. It provides a user interface for case management and task management in businesses.

1. CRM:

Customer Relationship Management (CRM) A customer relationship management system or CRM, is a technology that businesses use to improve their client interactions. Salesforce is a Customer Relationship Management system that helps firms acquire and create new clients in a sequential manner. Salesforce also help companies analysis the data they collect.

2. Lightning Web Component:

LWC is a new programming approach that takes advantage of latest web standards. It is quite flexible, rather than being a completely unique and development-wise strict framework. To make it a perfect fit for Modern Rich UI Implementations in Salesforce, it largely consists of common Web Standards and a Thin Layer of Specialized Services. Base Lightning Components are found in this thin layer of specialized services. Behind the scenes LWC are the Lightning Data Service and User Interface API.

III. METHODOLOGY

Retails were facing huge problem to satisfy the customer preference. Even the cycle riders were not satisfied by the retailer products they were not having the choice to get the preferred product. If they need the preferred product they needed to visit many retails and it was huge time consuming processes.

To overcome all the dissatisfaction this app is build using Salesforce platform. This app helps to get the products of preferred features and can be order through online and to explore huge products and look in to the details of the products. It made the retailer job easy flowing and details of the all products is completely available.

1. Cloud Architecture:

It is a Salesforce CRM module that primarily assists various sales teams in gaining effective cloud access to data such as contacts, billing addresses, mailing addresses, and accounts of various customers who have purchased products from the organization. It enables that organization's managers, leaders, teams, and sales teams to engage with customers and provide direction toward increased sales.

2. Sales Cloud:

Give the complete information about the product that is cycle the complete futures about the cycle is displayed through the stored data. It also have the product type storage in with the product type is categorized and different product is stored in the category related to it. The order of the reseller is stored in the reseller order and the complete data is stored in a cloud. The data can be store and viewed at one place which is main advantage of sales cloud.

IV. WORKING OF THE DESIGN SYSTEM

Need different Lightning Pages. Creating numerous objects in database as needed with varied fields and record. A custom component on record page provides a list of comparable products. Multiple objects must be associated with various relationships. Account representatives from E-Cycles can place reseller orders on behalf of their clients.

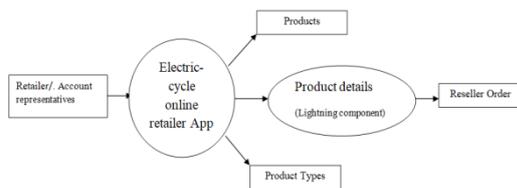


Fig: Data Flow Diagram of E-Cycles Retailer App

Fig 1. Data flow Diagram of E-cycle retailer app.

V. CONCLUSION

Here the paper is presented on the E-cycle retailer app on Salesforce platform the complete management and manufacture of products is done fictitious based on reseller order. To overcome all the problems of the reseller the app will be more helpful to the reseller to fulfill the retail customer preferences. Salesforce platform help to build a product in convenient way with the expanded solution in easy manner.

The annoyance of the end user is avoided by noting the preference and applying all those preference to this app will surly give the product required for the end user. All the products and its details will be present in this app so that reseller can cross check and place the order for the requirement. In short the retail can give his customer a cycle with all the features they needed without consuming more time and physical stress. Bulb products management can't be handled.

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