



Field Assessment Tool for Retail Domain

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Abstract:

The project is design to intended for building software for monitoring the complete process that is being involved in product lifecycle This application is mainly into “Retail Domain”, i.e it is being designed for large scale product lifecycle. The product lifecycle involves the complete procedural way of representation of the product from the starting stage of purchase of the products based on quality to the end being the delivery of the products to the clients. The complete product involves various processes like quality assurance, warehousing, procurement process, life cycle and field assessment. Until it is being delivered to the customers.

Keywords: java, javascript, Angularjs, Maven Tool, eclipses IDE.

1. INTRODUCTION

The project is design to intended for building software for monitoring the complete process that is being involved in product lifecycle .This application is mainly into “Retail Domain”, i.e it is being designed for large scale product lifecycle. Retail markets and shops have a very ancient history, dating back to antiquity. Retailing involves the process of selling consumer goods or services to customers through multiple channels of distribution to earn a profit. This project will help in serving of different products to the clients or the users with the help of defined rules and policies. The product lifecycle involves the complete procedural way of representation of the product from the starting stage of purchase of the products based on quality to the end being the delivery of the products to the clients. The complete product involves various processes like quality assurance, warehousing, procurement process, life cycle and field assessment. Until it is being delivered to the customers. The main objective of this project is to getting vendors across the globe who have potential to provide the required materials, perform there activities, to associate with the companies get all kind of products in a best possible way. And make easy for the people to buy different country products with a good quality.

2. LITERATURE SURVEY

Review of Literature

A literature review is an evaluative report of studies found in the literature related to selected area. The review describes, summarize, evaluate and clarify this literature. It gives a theoretical basis for the research. A literature review goes beyond the search for information and includes the identification and articulation of relationships between the literature and field of our research.

Review of Literature Relating to Retail Marketing

Retail sector has become one of the most powerful and fast growing markets in the world. This growth influences the

attitude of the Indian customers and marketing approach of the companies. These features have been discussed in this section. Indian Council for Research in International Economic Relations (ICRIER) 81developed research report titled _Impact of organized retail on the unorganized sector ‘states that retail trade alone accounts for 41.83 percent job opportunities with 14.95 million employed in the sector. Establishments involved in retail trade claimed the highest percentage both in the rural (39.28 percent) and urban (45 percent) areas. It has been the most sought after activity amongst own account establishments with a share of 48.45 percent. In rural areas, 46.52 percent own account establishments were set up for retail trade while the percentage was 51.44 in urban areas. Retail trade along with manufacturing and social and personal service activities have emerged as the three major non-agricultural activities giving the maximum number of jobs, with a share of more than 72 percent of the total establishments. Manufacturing establishments followed retail trade with 8.32 million people employed. Social and personal service activities employed 7.35 percent during the review period.

EXISISTING SYSTEM

- Existing System is simple purchase of products
- The manual valuation of the system.
- Spread sheets are used to list the activities.
- Field Executive tracking was Tedious.
- Need more people for work.
- There is no platform where we can perform all at once that is maintaining the teams recorded properly in database
- Lot of time consumption and security problems.
- Advertisement of products, transaction and security are major issues.

PROPOSED METHODOLOGY

The following field assessment tool is having mainly four modules, as per data collection some more sub-modules may be added later.

Filed assessment

Quality Assurance
Procurement management
Process life cycle

In this I am working on field assessment which contains

CEO
Country Head
Field executive
Vendor

CEO: CEO is the admin of the company and he manages everything and register country head and assign task to them.

Country Head: similarly even country head will assign task to field executive and manages information about F Executive and vendor.

Field executive: FE work is manual they go and search vendors and get the product information. and analyze it then send back to Country Head.

Vendor: field Executive will have the details about the vendor his company and product etc.

The software used for the product lifecycle helps in easier analysis and evaluation of the particular product.

- The proposed system gives an idea for designing the modules for easier analysis.
- Automated system where different analytic methods are applied.
- It reduces the manual evaluation or the assessment of the product reducing the time consumption.
- The large scale project being designed can be segregated into smaller modules reducing the complexity of the project.

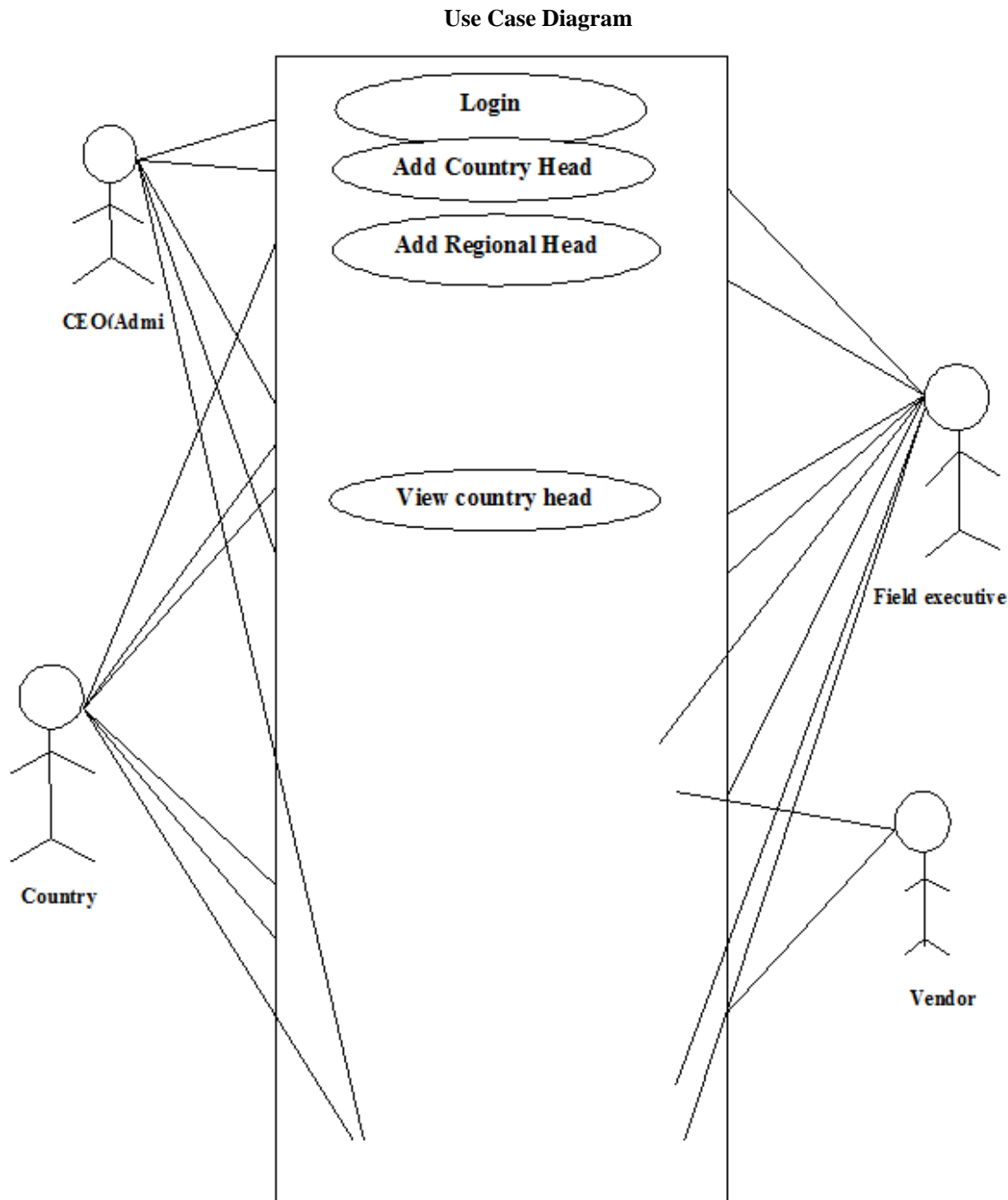


Figure.1. Use Case Diagram

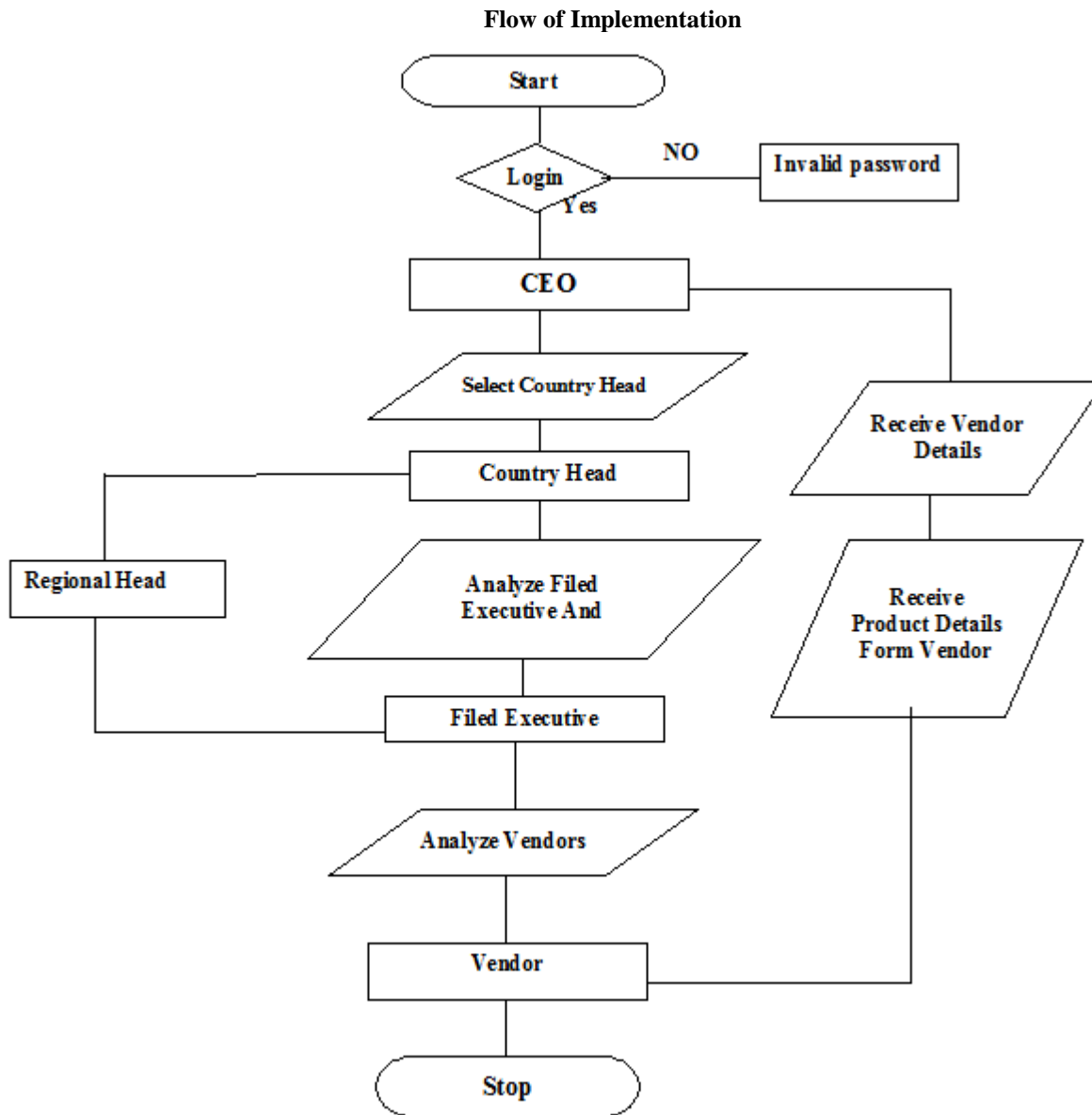


Figure.2. Flow of Implementation

III. CONCLUSION

The project enables the Retail industry to adopt to the current technologies and trends by automating the production life cycle involves complete procedural way of representation of the product From the starting stage of searching vendor's and purchase of the products based on quality to the end being delivery of the product to the customer. As the communication is established between every individual process becomes more transparent and reduces the overhead. Tracking back on the fault process and correcting them is easy as the entire process is stored on a database. Tracking back on the fault process and correcting them is easy as the entire process is stored on a database. The system is easy to implement and more reliable and robust.

FUTURE ENHANCEMENTS

The project is more centred on the automation of the design phase and the procedures to design the product. We can do the

testing of the project in automation way Here the procedure of searching vendor's is manual in future we can search vendor's by Automation which complete reduces the human work of the designing and planning process.

IV. REFERENCE

- [1]. Abdul-Muhmin, Alhassan G. (2010). "Transaction Size Effects on Consumers' Retail Payment Mode Choice", *International Journal of Retail & Distribution Management*, Vol 38 (6), pp 460-478.
- [2]. Adkins LeHew, M. L. and Cushman, L. M. (1998). "Time Sensitive Consumers' Preference for Concept Clustering: An Investigation of Mall Tenant Placement Strategy", *Journal of Shopping Center Research*, Vol 5 (1), pp 33-58.
- [3]. Achyut Godbole, "Web Technologies", Third Edition, Mc Graw Hill Education.

[4]. Minko Gechev “Getting Started with Angular Second Edition, March 2017

[5]. Stephen Radford “Learning Web Development with Bootstrap and AngularJS”, May 2015.

Web site

[6]. <https://en.wikipedia.org/wiki/Retail>

[7]. <https://en.wikipedia.org/wiki/AngularJS>

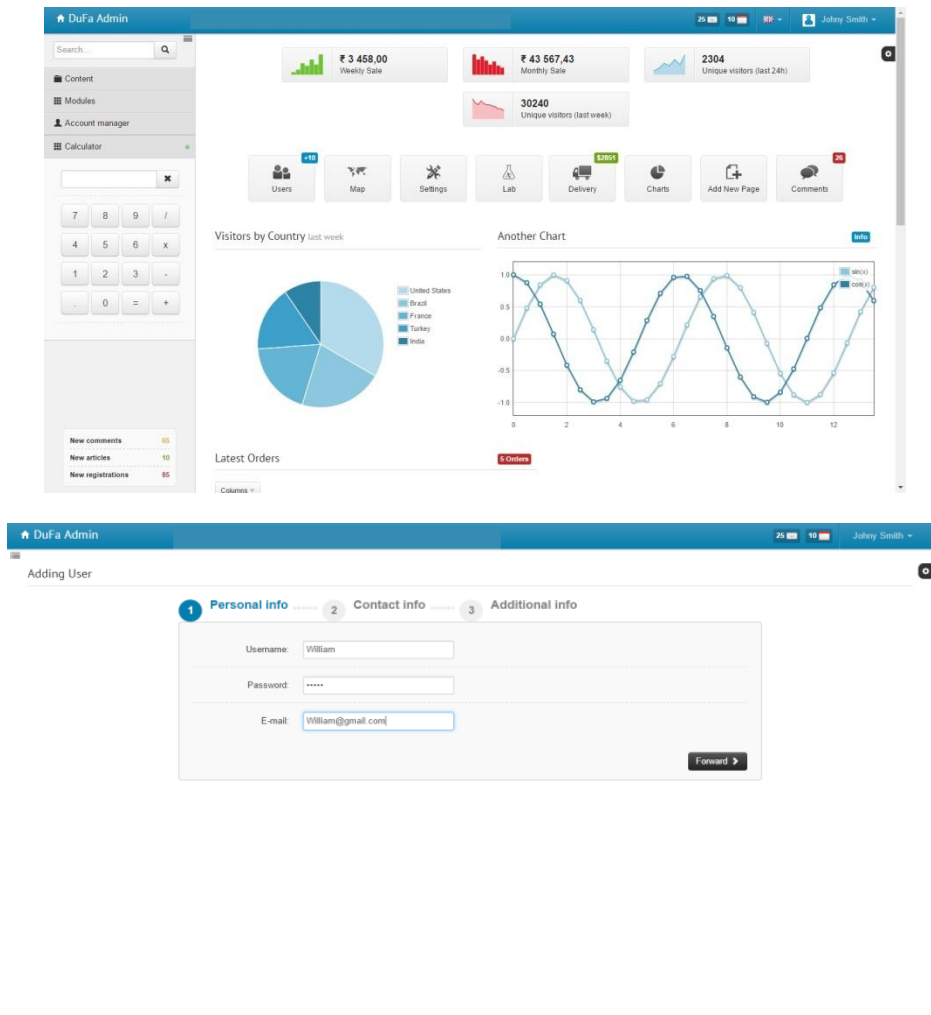
[8]. <https://docs.angularjs.org/guide/scope>

[9]. <https://docs.angularjs.org/api/ng/directive/ngClass>

[10]. <http://www.angulartutorial.net/2017/04/date-filtering-and-formatting-using.html>

[11]. <http://www.angulartutorial.net/2017/04/collapsible-menu-using-angular-2-nested.html>

SANP SHOTS



DuFa Admin 25 10 Johny Smith

Adding User

1 Personal info 2 Contact info 3 Additional info

Street Address: Jaynagar

City: Bangalore,Karnataka

Country: India

ContactNumber: 9865645698

Role:

- CountryHead
- RegionalHead
- Executive

Backward Forward

DuFa Admin 25 10 Johny Smith

Range Sliders

Donation amount (\$50 increments): \$100

Price Range: \$75 - \$300

Minimum number of beds: 1

Task Progressbars

- 35.2% 0 days 0h:0m:16s
- 85.1% 0 days 0h:0m:1s
- 53.3% 0 days 0h:0m:6s

Select Continents

Selectable Items: Africa, Antarctica, Asia, Europe, North America, South America, Oceania

Selected Items

Select Country

search

- Algeria
- Angola
- Benin
- Botswana
- Burkina Faso
- Burundi
- Cameroon
- Cape Verde

Deselect All

Select All / Deselect All

Sub States: Choose a Country...

Regional Area: Choose a Country...

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Adding Executive Info

1 Facility Locatore 2 Site Selection 3 JOB GROUPS 4 Availability

To Locate facilities near you,please enter a city and state or a zipcode

Country: INDIA

State: Karantaka

OR

ZIPCODE:

Search radius(Miles): 30

Forward

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Adding Executive Info

1 Facility Locator 2 Site Selection 3 **JOB GROUPS** 4 Availability

Select all of the Job Groups in Which You are Interested

Front End CartPusher/Courtesy Associate
 Cashier and Service Desk
 People Greeter

Maintenance Assembly
 Maintenance

Receiving Direct Store Delivery and Receiving Co-ordinator
 Household_Chemicals,paper goods,pets & Toys
 HouseWares, Stationary,Greeting Cards Floral and Seasonal
 Jewellery & ShoeSales
 Meat,SeaFood,Delif Produce Sales
 Optomestic_Assistant
 Setup,Remodel and Recycling
 Shoes and Apparel

Tire and Lube Express TLE Sales And Gas Station Attendent

Tire Mounting Area TLE Service Talmician

[Backward](#) [Forward](#)

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1 VendorDetails 2 **VendorInfo** 3 VendorHistory 4 Questionarie

Company Name: DurgalIndus

Industry Classification: Wholesale

Street Address: Jpnagar,Bangalore

Zip Code: 562642

Phone Number: 9854565865

Last Pay Rate(For This Emp): 25000

Manager First Name: William

Manager Last Name: Sha

May We Contact(Yes/No)? Yes No

Reason For Leaving: Layoff

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VENDOR SUMMARY

1 VendorDetails 2 VendorInfo 3 VendorHistory 4 **Questionarie**

1. Select the age Criteria that Pertains to you ? Less than 16 years of age
 16 years of age or older, but less than 18 years of age
 18 years of age or older

2. Will You now or in the future, require Sponsorship for Employment Visa Status ? Yes
 No

3. Are You Available to Work Evenings(Typically available b/w 5:00Pm to 11:00Pm) ? Yes
 No

To be Eligible to be considered for Position

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