

Inventory of Ready Made Garments

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A Project
in
The Department
of
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Approval Certificate

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I hereby declare that the project designated “**Inventory of Ready Made Garments (RMG)**” is the upshot of the research carried out by me under the overseer of Dr. Mohammad Nurul Huda, Professor & Director-MSCE, UIU.

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Abstract

Key target of this project is to cut down the expenditure, conducting inventory, vendor, delivery & order. A good RMG will alert the retailer when it is time to reorder. In Ready Made Garments industries, it assists providing rich information about avail profits and theft-prevention of the business which is benefited for developing business. Automated RMG stored data in long period and access data easily. RMG helps to handle the inventory, product, expenditure & sales and access it remotely which helps to obtain the business profit rapidly & take any decision from anywhere after observing the situation of his/her company.

Inventory is in most cases keep up owing to two intentions—to optimize the sourcing expenditure and to keep down the jeopardy of stock out. The high-ranking the inventory, the upper the principal baulk, and/or the higher the space requirement; on the other hand, minor inventory may conduct to breakdown in production or discontented vendees. Ergo, prominent inventory is very momentous for every Ready Made Garments Industry.

RMG provides real-time tidings of stock level, product, expenditure, profit, loss which help to take decision swiftly to apprehend goals. Storing data helps to analysis the business to grow from small business to big business. It makes it facile to locate and analyze inventory information in real-time with a simple database search.

Approved User are assumed to access RMG for cutting down the cost and keep up the stored products altogether. RMG assists to conduct the sales profit. RMG also assists to analysis the data to grow business and predict about the sales.

Acknowledgment

To show expressing my profound thankfulness to the all-powerful for imparting me power to put an end the assignment effectively amidst the scheduled time. The project designated “Inventory of Ready Made Garments (RMG)” is equipped to occupy the necessity of MSCSE. I am extremely having obtained heart-felt counsel, convoy and team-work.

I be keen on to manifest my sound thanks to my overseer, Dr. Mohammad Nurul Huda, Professor & Director-MSCSE, UIU, for his incessant steerage, momentum, and endurance, and impart me the room to commit the assignment. His worthy exhortation and precise steerage drawn up it feasible to equip a well-shaped project report.

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TABLE OF CONTENTS

vi

TABLE OF FIGURES

1. Introduction	2
1.1 Intention	2
1.2 Motivation	2
1.3 Layout	2
2 Literature Overview	3
2.1 Preface to RMG	3
2.2 Subsisting Problem	3
2.1 Submitted Solution	3
3 Requirement Definition	5
3.1 Use Case Prototype	5
3.2 Narration of Use Case	7
3.3 Synopsis	10
4 Design	11
4.1 Design Data Model	11
4.2 UI/UX Design & Reports	13
4.3 Requirements	13
4.4 ERD	13
4.5 Synopsis	16
5 Implementation	17
5.1 Implementation (Architecture, Methodology, Technology)	17
5.2 Opening Pages	18
5.3 Software Testing	27
5.4 Synopsis	27
6 Conclusion & Future Works	28
6.1 Conclusion	28
6.2 Future Works	28
7 References	29

TABLE OF FIGURES

3.1	Use Case Graph	6
4.1	Business Flowchart	12
4.4	ERD	14
5.1	Architecture	17
5.2.1	Opening Page(Carousel)	18
5.2.2	Meet the Team	19
5.2.3	Footer	19
5.2.4	Login Screen	20
5.2.5	Menu & Dashboard	21
5.2.6	User Info Screen	21
5.2.7	User Right	22
5.2.8	User Registration	22
5.2.9	Today Sales Report	23
5.2.10	Toady Sales Details	23
5.2.11	Product Setup	24
5.2.12	Product Details	24
5.2.13	Sales	25
5.2.14	Payment Method	25
5.2.15	Invoice	26

Terminology

RMG	Inventory of Ready Made Garments
AV	Approve
IM	Inventory Management

Chapter 1

Introduction

1.1 Intention

RMG is the system which assists any garments industry to cut down the risk, sustain systematic record, shorten losses, damages & misappropriation, allay the cost and maintain the stock level properly. The Project purpose is to conduct the inventory, delivery, product, expenditure & order.

A systematic recodes of inventory helps to provide details information to the management. It also assists to evaluate the current inventory management policy. By keeping the information of inventory, one takes a decision whether to take discount or not or order can be placed or not. The cost can be cut down analyzing discount offer and differ timing order which is placed in offer schedule. Such analysis helps to resolve the unnecessary inventory cost and increase business in competitive marker. A fertile RMG reduce regular price fluctuation. This helps to benefit to increase the selling price.

1.2 Motivation

This software application is designed for Ready Made Garments Industry (RMG). This project can be deployed multiple garments industries hosting using single domain where each will get separate admin with specific role & rights. The project is totally customizable and fit for any Ready Made Garments Industries.

1.3 Layout

RMG software has diverse beauty of modules. Earliest one is System Module-setup (Userinfo, Rights and so on) & another is Master-setup (Product, Product Category, Tax & so on), and Transaction module (Sales, update info & so on).

Chapter 2

Literature Overview

2.1 Preface to RMG

Inventory of Ready Made Garments (RMG) is a web based application system used to trace, conduct stored up, provider, order, product & profit. Feasible inventory management predict the business hurt & acquire which make up link between inventory levels and organization benefit. Inventory illustrate an investment that is tied between item sold and items production process. Any Businesses are trustful if it has items in stock, on the other hand customer will go to a competitor who are ready for fulfill the demand.

2.2 Subsisting Problem in Inventory of Ready Made Garments (RMG).

The proper monitoring any inventory levels should be a core business process for any industries and effectively set a competitive rank. We often can find the risk of stock out & inaccuracy of sales record. Lack of monitoring the inventory, RMG industry can face huge loss & may shut down the company profit.

2.3 Submitted Solution

This software provides facility to maintain each record properly in systemic way. It also helps to handle the stock & preserve the accurate record which helps to analysis the sales. RMG also monitors the loss and profit of garments which is the key of any industry mainly to garments industry.

2.3.1 System Module Feature

- a. **User Profile:** make up user profile information taking advantage of his/her name, address & so on.
- b. **User Rights:** Set up user (Admin, Sales Manager, and System User) right in accordance with his/her role.

2.3.2 Master Setup

- a. Company Setup: Company will setup for Ready Made Garments & others
- b. Admin User setup: Each company will get admin user of his own business. He can add sub-admin or sales executive with specific rights.
- c. Category Setup: Admin or sub-admin will setup category.
- d. Tax setup: admin can add tax. Admin can also edit & delete.

2.3.3 Transaction Module

- a. User Info: All user info, change photo, change password, change basic information.
- b. Sales: All item which user want to buy, add to card, add payment method and print invoice.
- c. Product Setup: Admin will set up the product with price & other necessary information. Admin can update & delete the product.
- d. Invoice: User can create invoice for specific invoice.
- e. Add Stock level: User can add stock, edit & delete if he/she has right.

Chapter 3

Definition of Requirement

3.1 Use Case Prototype

A Use Case prototype is a replica by that emerges how many sampling of vendees be in contact by means of the scheme & their accessibility of project. It recounts the target of Customers, the fundamental interactions into the vendees, and it recounts intentions which attain indispensable outlook of the system to pleasing operation.

Actor

Actor recounts a model component. Landmarks take in actors name and statement which accomplished earmarked role. Here admin, system admin, sales manager or executive & suppliers are actors.

Associations

Associations recount the kinships between actors and the UC that is called communicates-association.

Phenomenon

A model component recounts the Bourne of the way of part. It also recounts the physical area of the project.

Use Case Recount

A model material treat to put together the Use Case model to facilitate resolution, putting one's cards on the table. It is used to dive the use case lesser part to anticipate it readable.

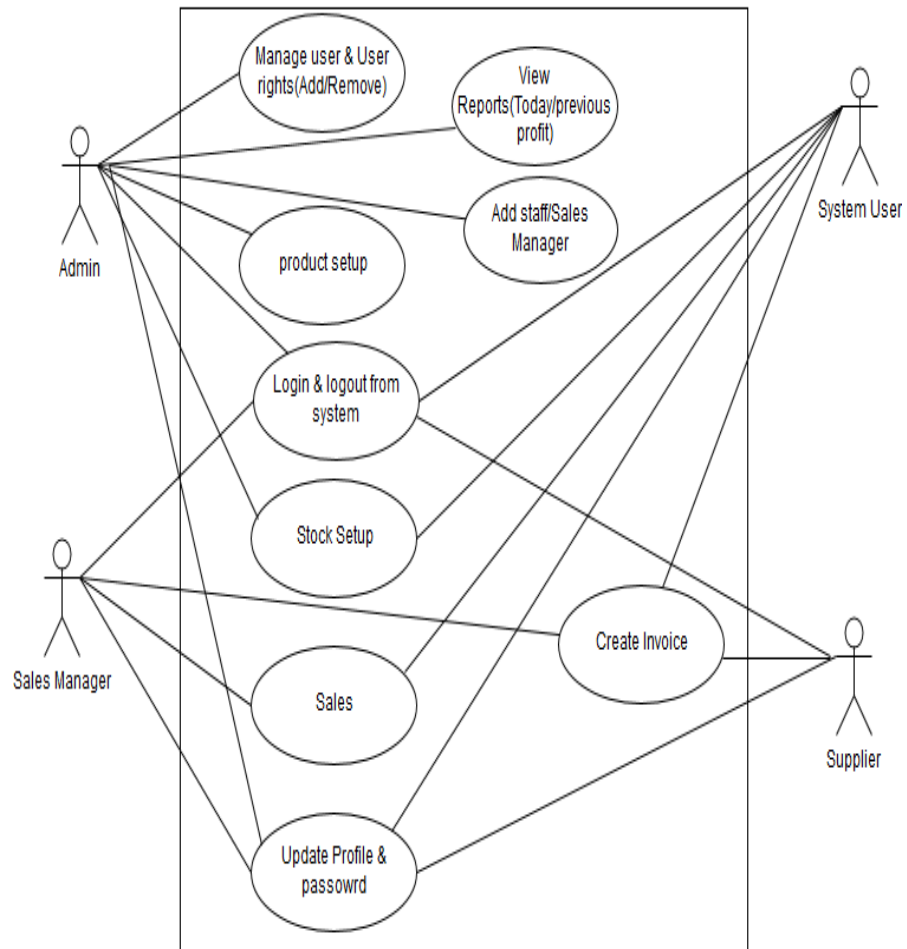


Figure- 3.1-Use Case Diagram for RMG

3.2 Narration of Use Case

Use case title : **Sanctioned Maker/Checker User**

Prerequisite : Login to RMG after valid admin user & password

Player : Sales Executive/Manager/Admin

Key pathway : Login Using email & credential

Anomalous footing : oversight Sign-in Id or credential

Observation : Created on April, 2019

Use case title : **Add Staff /Sales Manager**

Prerequisite : Login to RMG System

Player : System User/ admin

Key pathway : Sanctioned Maker user cad sales manager/staff.

Anomalous footing : Without system permission, user can not add this.
User must input name, default password, title, and so on.

Observation : Created on April, 2019

Use case title : **Add User Right**

Prerequisite : Login to RMG System using admin user rights. Only listed User which is added by super admin

Player : Admin/ System user

Key pathway : Required right select for specific staff/ sales Manager.

Anomalous footing : User who do not have the rights cannot add this.

Observation : Created on April, 2019

Use case title	: Stock Level Setup
Prerequisite	: Login to RMG
Player	: Sanctioned Maker user/admin/system user
Key pathway	: Valid user who has system right can input necessary field like Stock location & level & other necessary input & pressed saved.
Anomalous footing	: Invalid user or user who do not have the right of menu of Stock Level.
Observation	: Created on April, 2019

Use case title	: Product Setup
Prerequisite	: Login to RMG with admin rights.
Player	: System User/Admin
Key pathway	: Only Sanctioned user can setup the product. Product detail like price, sales price, buy price tax & input other and press saved.
Anomalous footing	: Unsanctioned access to the menu & right.
Observation	: Created on April , 2019

Use case title	: Product Details
Prerequisite	: Login in RMG
Player	: Admin/System User
Key pathway	: After view details, user can edit price & other information.
Anomalous footing	: Invalid user access.
Observation	: Created on April, 2019

Use case title	: Tax setup
Prerequisite	: Login

Player : Sanctioned Maker User
 Key pathway : Input the tax input name, tax amount & edit tax.
 Anomalous footing : Invalid Amount
 Observation : Created on April, 2019

Use case title : Remove the User.
 Prerequisite : Login to RMG system using admin rights
 Player : Sanctioned Checker User
 Key pathway : Select user & remove the user from system
 Anomalous footing : Invalid request & empty tax name or amount.
 Observation : Created on April, 2019

Use case title : Create Invoice.
 Prerequisite : Login to System
 Player : Admin/System User/Sales Manager
 Key pathway : Add items to card & enter payment method & create the invoice.
 Anomalous footing : Invalid request to submit without using empty card, payment method.
 Observation : Created on April, 2019

Use case title : Sales
 Prerequisite : Login system
 Player : Sanctioned Checker User/admin/sales executive
 Key pathway : Select the single or multiple products to card, select payment method or other press saved & print the invoice
 Exceptional pathway : Invalid request or insufficient stock level.
 Observation : Created on April, 2019

Use case title	: Today Sales / Sales Report
Prerequisite	: Login to RMG
Player	: Sanctioned Maker User
Key path	: Select the today sales report for view today sales. Enter date range & submit in sales report for sales report.
Anomalous footing	: Invalid Date range or invalid date.
Observation	: Created on April, 2019

3.3 Synopsis

Use Case model and ingoings' on of model which is emergent for package method life cycle. Exotic examiner can conduct experiments whole characteristics of RMG.

Chapter 4

Design

4.1.1 Data Model

The data model will as a rule compose of entity types, attributes, data model is recruitment of data conjecture that recounts the data, the data contact & data constraint.

The data model will as a rule compose of entity types, components, relationships, fairness rules, and the definitions of those purpose. The data contact & data constraint. It also describes the physical & logical notion.

The intention is to organize, scope and prescribe business notions and rules. This model is typically constructed by Data Architects and Business Analysts. The purpose is to thrived technical map of rules and data structures This data model illustrate how the system will be accomplish using an earmarked DBMS system.

4.1.2 Business Flow Chart

Flow Chart of business model set forth an ocular narrations of the flux of data procedure & emerges us who is the liable for each degree.

Interpretation

Flow Chart of business model diagrammatically interpret the deeds else business process one by one.

Function

A flowchart is a type of diagram that represents an algorithm, workflow or process which describe the main point of program MODEL. These systems can concentrate on process

which is integrated, human. The goal is achieving by creating a balanced, quality output based on a standardized set of methods.

Prominences

Three prominence of flow charts: sublime-level, manifest and deployment or matrix flowchart. High-level gives the details over view of main process.

Uses

High-level flowchart illustrates the details body imaging process. Watchful reconsideration of flowcharts can express the valuable information affecting a process.

Shapes

Flowcharts use special features to describe different types of deeds or steps in a process. Lines and arrows represent the sequence of the steps, and relationships among them. These are called flowcharts symbols.

Business Flow Chart of Inventory of Ready Made Garments

Flow chart of business model are exercised to depicture the business's flow procedure for RMG System.

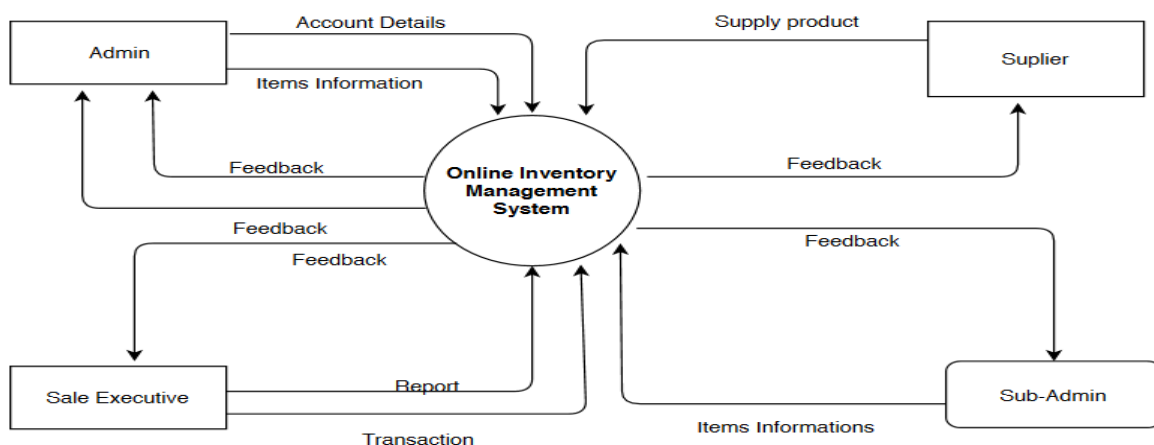


Figure-4.1 business flow

4.2 UI/UX Diagram & Response

User interface is a diagram which sets forth on the user's experience and interaction with the software.

4.2.1 Processes

There are various types user interface model: -

- Functionality of necessity ingathering – To attain the intention of the project, may employ calculations, technical details, data manipulation & processing. Now and again, a requirements analyst creates use cases after ingathering and affirming a set of functional requirements.
- User analysis – analysis the characteristic, user task & goal so that these findings can help making decision about project.

4.3 Requirements

Requirement ingathering is the system of ascertaining, documenting, and conducting stakeholder urgent & necessity to meet project intention.

4.4 Database Design

Design of Database is an emergent of context that naturalize the masterminding, development, implementation and maintenance of enterprise data.

Database is matured to keeping in reserve the tangible data. The design of a bodily database is following -

activity_log ID CUSTOMER_CODE EMAIL_ID ERROR_CODE ERROR_MESSAGE USER_TYPE SESSION_ID CREATEDATE Referenced objects	barcodefref id barcodefrefid name actflg createby createdate updateby updatedate Referenced objects	branch_info ID BRANCH_PARENT_ID BRANCH_ID BRANCH_NAME ADD1 ADD2 ADD3 PHONE FAX DIST_CODE Referenced objects	categories id categoryid name parentid image texttip catorder actflg createby createdate Referenced objects
child_menu id parent_id child_id child_menu_name url actflg create_date Referenced objects	codmas ID SOFTCODE HARDCODE CODEDES SEQ ACTFLAG CREATEDATE Referenced objects	codmas_details ID codeStart softcod CODEDES ACTFLAG CREATEDATE Referenced objects	companyinfo id company_code name address phone email actflg createby createdate undateby Referenced objects
dt_products id mailid sessionid customercode productid categoryid name pricebuy pricesell unit Referenced objects	hibernate_sequence next_val Referenced objects	locations id locationid name address actflg createby createdate updateby updatedate Referenced objects	main_menu_name id parent_id menu_name actflg create_date Referenced objects
menu_right ID COMPANY_CODE EMPLOYEE_CODE URL ACTFLG ENQMOD INSMOD UPDMOD DELMOD OPRTAMP Referenced objects	order_details ID ORDER_ID productid categoryid name pricebuy pricesell unit taxid taxamount Referenced objects	orders ID ORDER_ID mailid CUSTOMER_ID subtotal amount taxamount PAYMENT_METHOD PAYMENT_STATUS payment_amount Referenced objects	papal_transaction_details ID ORDER_ID TOKEN PAY_ID PAYMENT_ID USDAMOUNT ACTFLG CREATEBY CREATEDATE Referenced objects
payment_method id payment_method_id name actflg TIMESTAMP Referenced objects	products id productid reference referencecode referencecodetype categoryid name pricebuy pricesell taxid Referenced objects	role id role_id role_name Referenced objects	role_rights id roleid menuid menuurl ACTFLG Createtime Referenced objects
sellexecute id sellexecuteid name actflg createby createdate updateby updatedate Referenced objects	stocklevel id stocklevelid locationid productid stocksecurity stockmaximum actflg createby createdate undateby Referenced objects	suppliers id supplierid name searchkey taxid maxdebt address address2 postal ritv Referenced objects	taxsetup id taxid name category parentid rate rateorder actflg createby undateby Referenced objects

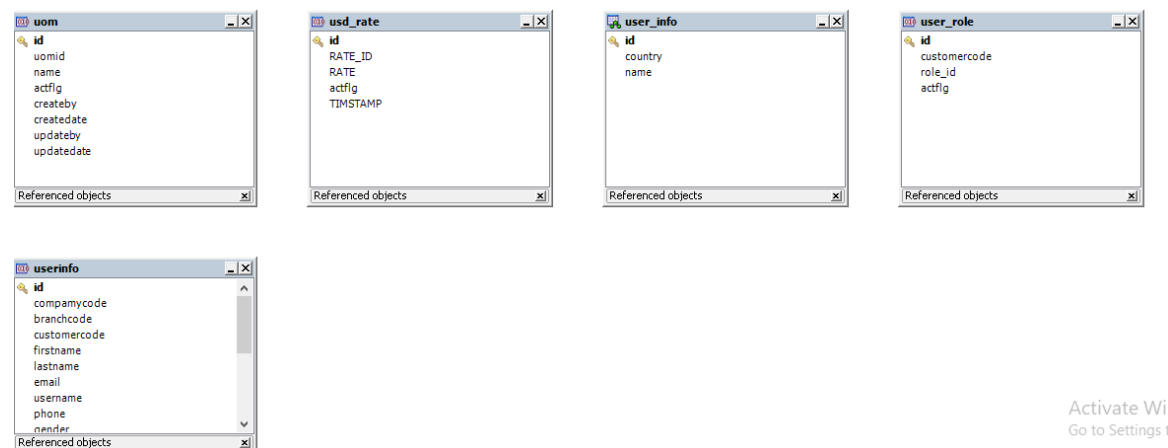


Figure-4.4-Entity Relationship Diagram

4.4.1 Details for Inventory of Ready Made Garments

Key Functionalities recounted are following:

4.4.1.1-Main Menu, Child Menu: Menu & sub-menu is brought forth mechanically founded on customer's rights. Main Menu are for storing main menu that means parent menu. Child menu store submenu according to main menu.

4.4.1.2 User rights: User rights are specific access and ability permissions that can be assigned to customizable user groups. Groups can then be assigned to (or removed from) users through the Special. Admin can sum up or translocate any earmarked user.

4.4.1.3- Orders: Orderid generates here. Order information like order by, tax amount, payment method, payment amount are stored in this table. Orders table store the summery information of orders.

4.4.1.4 Order Details: For one order, different type of items are order. All order items details are stored here according to order invoice. Category id, item id, item name, sell price, buy price etc. are stored here..

4.4.1.5 Product Setup: All product like name, prices, sales price, tax amount, product image, and supplier are stored in this table.

4.4.1.6 User Info: username, id, image, password etc. are stored here. Password are encrypted string with Minimum 8 character with number & special character. Email should be valid & unique. Duplicate email is not allowed here. User role is defined here.

4.4.1.7 Tax Setup: Tax name & tax amount are store here.

4.4.1.8 Stock Level: Stock level information is stored here. Stock level is stored according to product items. Maximum & stock security information is stored here.

4.4.1.9 Location: Stock location like name, stock id are stored in this table.

4.4.1.10 Uom: unit of measure's data is stored here.

4.4.1.11 Supplier: Adding new Supplier for supplying items. Supplier detail information like photo, id , name etc. are stored here.

4.4.1.12 Menu Rights: If user is created. Use cannot access menu if user has not right. User rights are stored here.

4.5 Synopsis

Chapter-4 recounts circumstantial graph of the RMG table. Flow Chart of Business of diverse mode, UI/UX plan of RMG and plan of database are recounted.

Chapter 5

Implementation & Evaluating

5.1 Implementation Overview:

The database keeps in reserve information, the application operates logic and the presentation tier is a picturesque user interface that enquire about with the other two tiers. The three tiers are rational, not tangible, and may or may not run on the same tangible server in RMG.

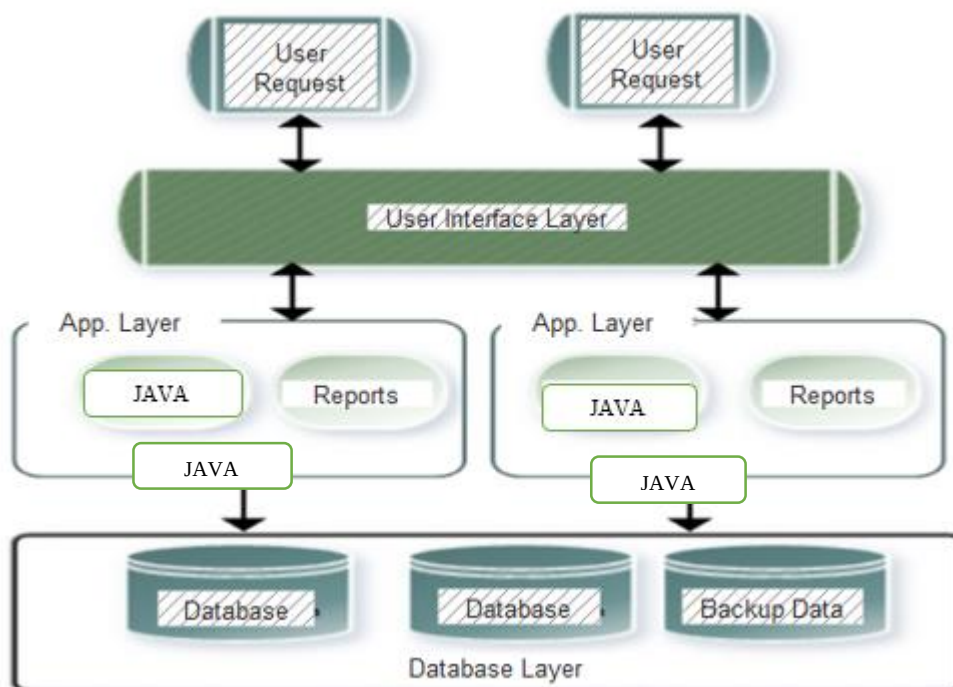


Figure-5.1-Architecture

Three tire architecture:

Presentation Tier: HTML5 with bootstrap 4, cascading style sheets (CSS) JavaScript, jquery.

Application Tier: Java programing language based on spring boot framework and the business logic that supports the application's core functions. Run on apache tomcat 8 server

Database: MySQL Database, MySQL stored procedure

5.1.2 Methodology

RDBMS: To make sure the utmost cohesion of database, MySQL-RDMBS is conducted in RMG.

5.1.3 Toolkits

Draw.io (Online): To quarterback UC model & Flow chart.

Eclipse: I have used eclipse for developing & design.

Toad, MySQL query browser: use for accessing & create database with process.

iReport: For quarterbacking pdf-report iReport-tool is used.

5.2 Opening Home Page

5.2.1 Carousel: Showing image left to right using bootstrap carousel. Display some information of the project.

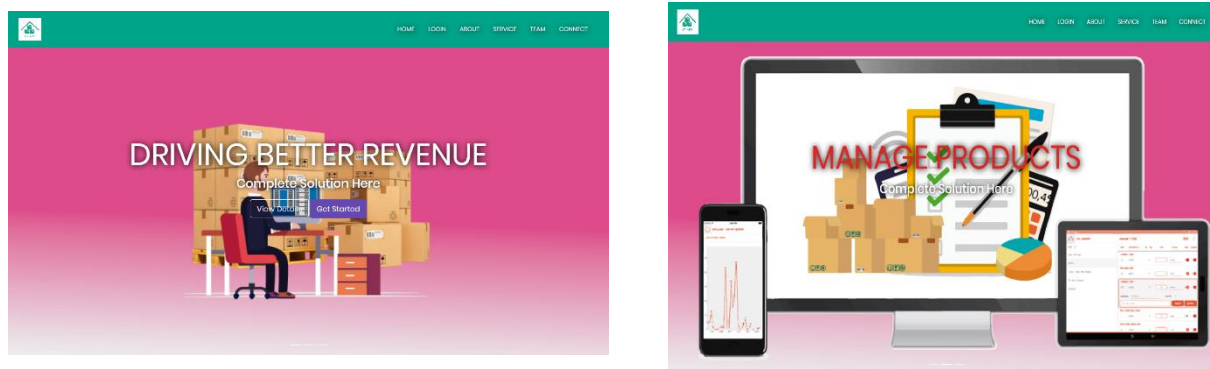


Figure-5.2.1 Carousel

5.2.2 Meet the Team: There is little tidings of the team together with designation & outline.

Meet the Team

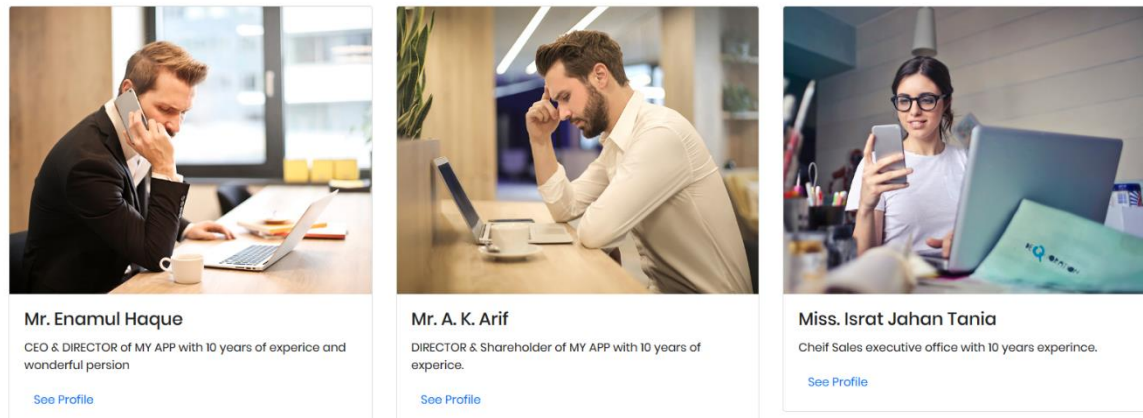


Figure-5.2.2 Team

5.2.3 Footer: Social connection & footer are recounted here. Any one connect to Facebook, twitter, Google plus, instagram & YouTube. Contact information & copyright are given in footer section.

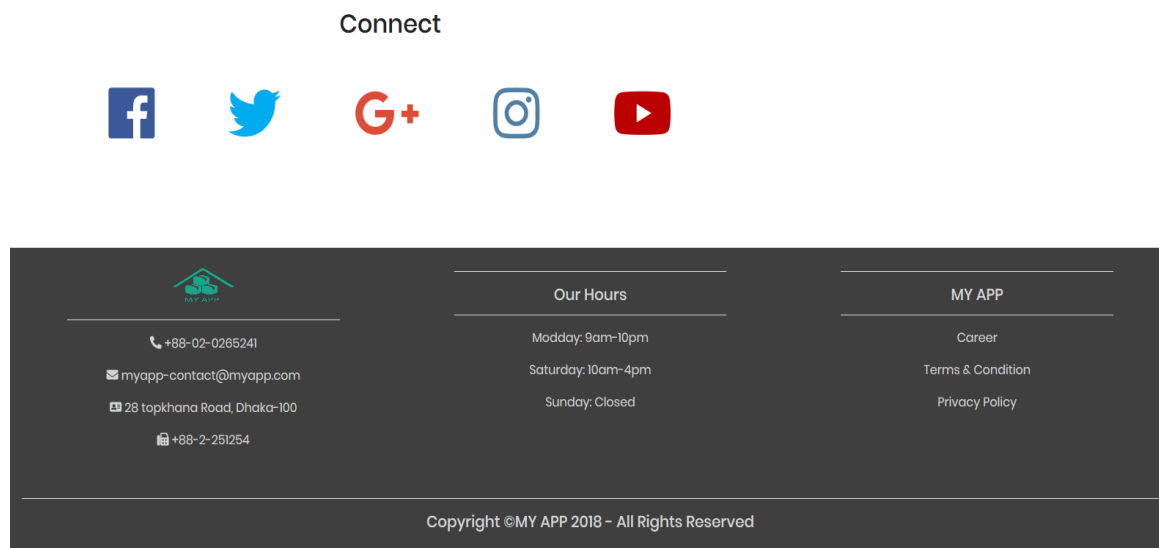


Figure-5.2.3 Footer Section

5.2.4 Login to RMG

A convincing user-email-id and credential are needed to RMG login. Unauthorized email Id & credential return same page & show the proper message.

MY APP

HOME LOGIN ABOUT SERVICE TEAM CONNECT

Login

E-Mail Address
enamul@era.com.bd

Password [Forgot Password?](#)
***** [Show](#)

☐ Remember Me

Login

Don't have an account? [Create One](#)

MY APP

+88-02-0265241
myapp-contact@myapp.com
28 Topkhana Road, Dhaka-100
+88-2-261254

Our Hours

Monday: 9am-10pm
Saturday: 10am-4pm
Sunday: Closed

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Figure-5.2.4 Login

5.2.5 Menu Master & Dashboard

Menus display according to user rights in the side menu. Menu is dynamically generated from database. Menu brings forth mechanically emerged on user role-rights. Overseer can be examiner. Dashboard shows how may invoice today has. How much money he has sold out. Today total amount & today tax total also show in dashboard. Graph view shows today sale & yesterday sale. User can compare between today sales and yesterday sales.

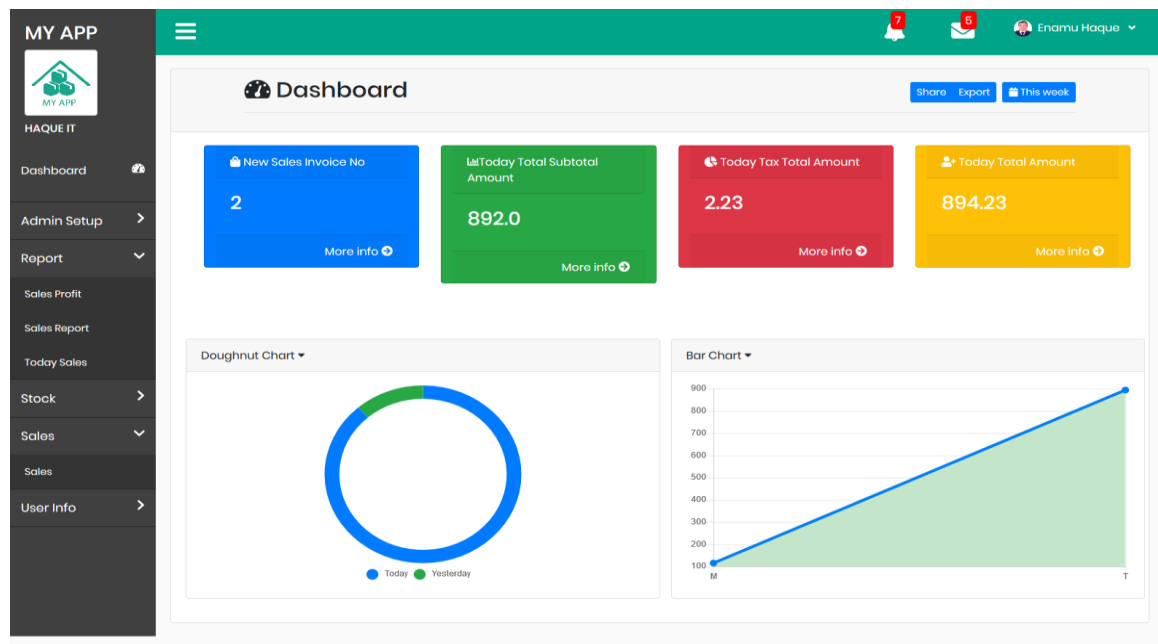


Figure-5.2.5-Menu Screen & Dashboard

5.2.6 User Info Screen:

User can change photo address using his/her password. Email & other information is cannot chain because it is read-only field. After browsing the image from pc, user must submit with input password.

The User Profile form contains the following fields and controls:

- First Name:**
- Last Name:**
- Phone:**
- Email:**
- Address:**
- Password:**
- Confirm Password:**
- Photo:** 
- Controls:** Choose file, Browse, Submit, Clear

Figure-5.2.6-User Info

5.2.7 User Rights Screen: From this screen, admin allows the user which menu get access the user. Admin can remove the user from this page. Add or modify any rights from here.

The screenshot shows the 'User Rights' configuration page. On the left is a sidebar with 'MY APP' logo and navigation links: Dashboard, Admin Setup, Report, Stock, Sales, and User Info. The top header is green with a menu icon, notification bell (7), mail icon (5), and user profile 'Enamul Haque'. The main content area is titled 'User Rights' and contains a form with the following fields: User Name (enamul@era.com.bd), Address (Dbaha jatrabari dhaka-1000), Menu Name (Taxt Setup), User Type (1), Name (Enamul Haque), Operation Id (102), Email (enamul@era.com.bd), Present Branch (101), and Phone (+8801921687433). Under 'Operation Mode', there are checkboxes for ADD MODE, DELETE MODE, UPDATE MODE, ENQUIRY MODE, and STATUS. The ADD, DELETE, and UPDATE modes are checked. 'Submit' and 'Clear' buttons are at the bottom right.

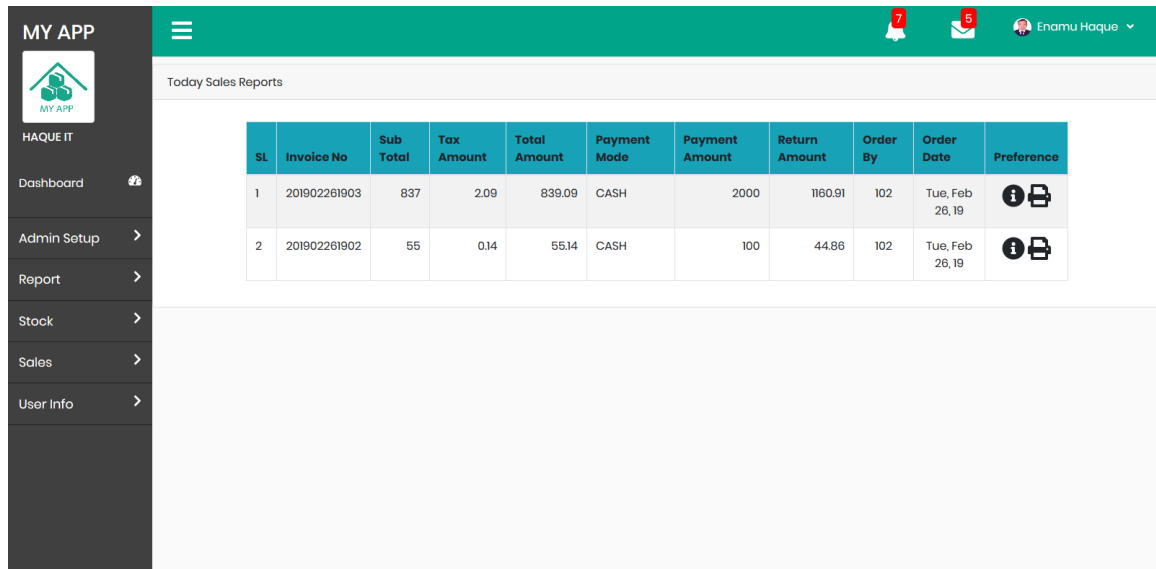
Figure-5.2.7 User Rights

5.2.8 Sale Executive/System User Registration: Based on user right, admin can add sales executive or system user. Filling up name, email, phone & necessary information admin or system user can add more sales executive or sales manager

The screenshot shows the 'User Registration' page. The sidebar and header are identical to the previous screen. The main content area is titled 'User Registration' and contains a form with the following fields: First Name (Enamul), Last Name (Haque), Company Name (ERA-INFO Tech Ltd.), Branch Name (Dhaka Mongbazar), Country Name (Bangladesh), Phone (019), Email (enamul@era.com.bd), Address (Enter Your First Name), Gender (Male selected), Password (two fields with masked characters), and Confirm Password (masked characters). 'Submit' and 'Clear' buttons are at the bottom right.

Figure-5.2.8-Use Registration

5.2.9 Today Sales: Today sale information shows here. Invoice amount, payment method, date, invoice created by are display are. Item details and invoice print also shows here.

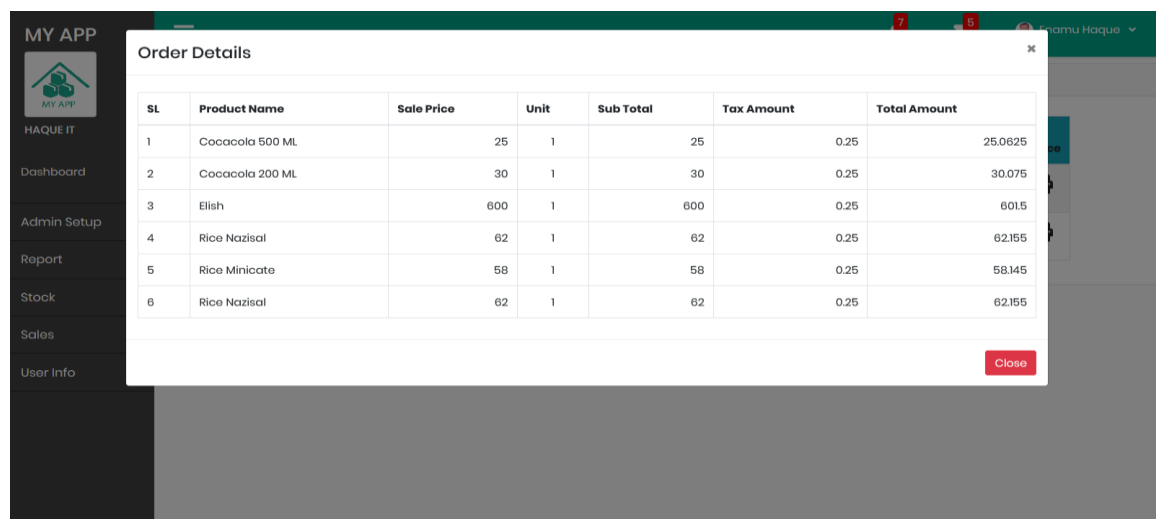


SL	Invoice No	Sub Total	Tax Amount	Total Amount	Payment Mode	Payment Amount	Return Amount	Order By	Order Date	Preference
1	201902261903	837	2.09	839.09	CASH	2000	1160.91	102	Tue, Feb 26, 19	 
2	201902261902	55	0.14	55.14	CASH	100	44.86	102	Tue, Feb 26, 19	 

Figure-5.2.9 Today Sale

5.2.10 Today Sales Deatils:

Sales items details with price shows here. The popup come if user can want to show the details of the invoice. Items details like item price, unit, name, total amount display here.



SL	Product Name	Sale Price	Unit	Sub Total	Tax Amount	Total Amount
1	Cocacola 500 ML	25	1	25	0.25	25.0625
2	Cocacola 200 ML	30	1	30	0.25	30.075
3	Elish	600	1	600	0.25	601.5
4	Rice Nazisal	62	1	62	0.25	62.155
5	Rice Minicate	58	1	58	0.25	58.145
6	Rice Nazisal	62	1	62	0.25	62.155

Figure-5.2.10 Today Sales Details

5.2.11 Product Setup: This menu is under the stock. Here user can set up the product with name, category, sales price, buy price uom, supplier and product warranty & others. Here also display the product name left side.

Product Setup

Product Items

- Cocacola 500 ML
- Cocacola 200 ML
- Rice Minicate
- Rice Nazisal
- Elish
- Test Product Name

Name : Enter Your Product Name

Category : --Select Category--

Tax Category : --Select Options--

Sell Price inc : 0.00

Sell Price exe : 0.00

Buy Price : 0.00

Gross Profit : 0.00

UOM : --Select Options--

Supplier : --Select Options--

Reference : Enter Your Reference.

Barcode : [Input Field] [Select]

Buy Price : --Select-- [Input Field] 0.00

Sell Price exe : --Select-- [Input Field] 0.00

Item :

- ☐ Service Item
- ☐ Warranty
- ☐ Auxiliary
- ☐ Scale
- ☐ Variable Price

Submit **Clear**

Figure-5.2.11 Product Setup

5.2.12 Product Details: This menu is under the stock. Display all the product setup with image. User can edit or delete the product here.

Product Details

SL	Product ID	Product Name	Buy Price	Sale Price	Category ID	Tax ID	Image	Preference
1	10101	Cocacola 500 ML	20.0	25.0	500	002		
2	10102	Cocacola 200 ML	25.0	30.0	500	002		
3	10103	Rice Minicate	54.0	58.0	502	002		
4	10104	Rice Nazisal	58.0	62.0	502	002		
5	10105	Elish	550.0	600.0	501	002		
6	10106	Test Product Name	10.0	15.0	500	001		

Figure-5.2.12 Product Details

5.2.13 RMG Sales: This menu is under the Sales. User can see the product which previously setup. User can add item to card. It can automatically calculate the price defined in product setup page with tax. User can add multiple item to the card. Items can display according category. After completing to adding the card, user can sales the items.

Item	Price	Units	Taxes	Value	Print
Black Denim Jeans For Men	550	3	0.25%	1654.125	0
Royal Blue Denim for Men	850	3	0.25%	2556.375	0
Sky Blue Denim for Men	450	4	0.25%	1804.5	0
Dark Red & Golden Saree	2500	1	0.25%	2506.25	0
Subtotal				23500	
Tax				58.75	
Total				23558.75	

Figure-5.2.13 Sales

5.2.14 Payment Method: User must select the payment method. Two payment method are available cash & Papal. If user select the cash, input the customer payment amount. It automatically calculates the return amount. After filling up, user can submit for sales.2

Sub Total : 891 Tk
Tax Total : 2.23 TK
Total : 893.23 Tk

CASH PAYMENT PAPAL PAYMENT

CASH PAYMENT

Payment : 1000
Return : 106.77 Tk

Submit

Close

Figure-5.2.14 Payment Method

5.2.15 Invoice: If user can submit for sale which is added to card items, automatically generate an invoice. User can see the total amount, each item price, payment method, tax, invoice number & other necessary things



Company: RK Textile Ltd
 Add: 28 Topkhana Road Dhaka
 Ph: +88-02-225153
 Email: ehage95@gmail.com

INVOICE
 Date
 01-Apr-2019

 Invoice No. #
 201904011957

Serial	NAME	Unit	Unit Price	Tax	Sub total
1	Black Denim Jeans For Men	3	550.0 BDT	0.25 %	1654.125 BDT
2	Royal Blue Denim for Men	3	850.0 BDT	0.25 %	2556.375 BDT
3	Sky Blue Denim for Men	4	450.0 BDT	0.25 %	1804.5 BDT
4	Dark Red & Golden Saree	1	2500.0 BDT	0.25 %	2506.25 BDT
5	Golden & Maroon Saree	1	15000.0 BDT	0.25 %	15037.5 BDT

Subtotal	23500.0 BDT
Tax Total	58.75 BDT
Total Amount	23558.75
Payemny Amount	30000 BDT
Return Amount	6441.25 BDT
Payment Method	CASH

Customer Signature

Sales Executive Signature

If Any damaged caused , Company won't responsible

Figure-5.2.15 Invoice

5.3 Software Testing

RMS Testing discovers oversight or failing of software so that software's operation functionates completely according the requirement.

5.3.1 Testing Methods

Static Testing is ascertaining as a software testing deftness by which we can examine the drawbacks in software without actually executing the code.

Dynamic Testing is a sort of software testing method using which the progressive dealing of the code is analyzed.

5.3.2 The box approach

- **White-Box Testing:** White-box testing is the testing process which is based on the code based testing or structural testing. Code should be visible to the tester when tester is goring test a software
- **Black-box testing:** Tester test can be functional and no-functional where test does not know design, coding and so on which is called behavioral testing system.

5.4 Synopsis

To examine the module, we have examined whole screens as ocular experiment. We detect whole operations are operating clearly and entire screens conduct barring any oversight data.

Chapter 6

Conclusion & Future Works

6.1 Conclusion

RMG is significant for keeping costs down, while covering the act. It confirms the flawless record good that are ready to transmission. Supply and demand is a delicate balance, and RMG prospect to insure that the balance is undivided. Highly trained RMG and high-quality software will help make a success.

Lastly I would like to say using “Inventory of Ready Made Garments” software it is very beneficial to keeping up the costs down and it will assist to grow from small-medium - business to big business.

6.2 Limitations

RMG needs money to maintain. Every time user need to have internet connection to access the RMG.

6.3 Future Work

Following may be added to **Inventory of Ready Made Garments** in future:

- AI base sales
- Used AR Technology
- Build Android & IOS app (Native Flavor).

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