

KONGU ENGINEERING COLLEGE

(An Autonomous Institution)

PROJECT

Inventory Management System For Retailers

DONE BY TEAM ID: PNT2022TMID04517

VARALAKSHMI E (737819CSR214)

SATHYA K (737819CSR184)

VIVEKANANDHAN D (737819CSR228)

MANISH KUMAR R (737819CST233)

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1.INTRODUCTON

1.1 Project Overview:

An inventory management system is a project that helps people control and keep track of the goods they buy, process, and sell. It includes many software programs to track stock levels and movements. This project report on the inventory management system

1.2 Purpose:

Inventory management is the practice of planning the buying, storing and selling of stock—whether it's raw materials, parts or finished goods—to ensure the right type and amount of stock is available without holding excess stock and thereby tying up cash. When done correctly, inventory management saves companies money.

2.Literature Survey

2.1 Existing Problem:

[1] Inventory Management Delivering Profits through Stock Management

I.A. Aarti Deveshwar and Dhawal Modi

2018

Classification,selected methods and requirements for operations and inventory management” gives the theoretical framework for the development of models and algorithms supporting order quantity and due date quoting. At first, alternative generic AATP systems will be identified on the basis of relevant classification criteria. Based upon this classification, the AATP planning mechanisms will be detailed for two generic AATP types. On the basis of the introduced AATP types and the description of selected models we finally derive requirements, which operations and inventory management have to meet in order to ensure a successful application of AATP.

Accuracy of the paper: 95%

[2] An approach to evaluate the impact of interaction between demand forecasting method and stock control policy on the inventory system performances

Lorenzo Tiacchi , Stefano Saetta

2022

Using the aim of this work is not to find or test effective DFMs, but to point out possible interactions between the choice of a forecasting method and the stock control policy. Therefore, in this study two very simple DFMs, described in Section 3.1, will be considered: with these methods, the monthly demands of the year 2004 will be sufficient to provide forecasts for each month of 2005; the two series of demand data for this year (effective and forecasted demand) are the inputs that the simulation experiment needs. Because demand data have a monthly base, orders from central depot to suppliers can be placed only at the beginning of each period (month): for each item, at the beginning of each month, the inventory level is observed, and if the level is lower than an order point s , an order is placed to a supplier so that the inventory position reaches an order-up-to level S . Thus, the basic inventory control policy for each item is a canorder policy (R, s, S) with review period R equal to 1 month.

Accuracy of the paper: 95%

[3] Maximization of the return on inventory management expenses in a system with price and stock dependent demand rate

valentin pando,Luis A.San-Jose

2020

This paper studies a deterministic inventory model where the demand rate depends on both the selling price and the stock level. A lower selling price or a higher stock level lead to a higher demand rate. Three decision variables are considered: the selling price p , the order-level S and the reorder point s . The goal is the maximization of the return on inventory management expense (ROIME), that is, the ratio between the profit and the total cost of the system.

Accuracy: 85.9%

[4] Retail inventory management with stock-out based dynamic demand Substitution

Baris Tan,Sulcuk Karabati

2020

In this sign The literature on inventory management under stock-out based substitutions studies the supplier-(or manufacturer-)controlled and customer-driven substitution schemes. In the supplier-controlled substitution scheme, in a stock-out instance, the supplier decides whether to fulfill the demand of the customer with another product.

The inventory management (and/or production planning) problem is usually studied in a “one-way substitution” setting, where a higher-graded product can be substituted for a lower-graded product. The primary objective is to minimize the sum of production, inventory holding, and, in some cases, product conversions costs.

Accuracy: 85%

2.2 Problem Statement Definition: .

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service

3. Ideation and Proposed Solution

3.1 Empathy Map Canvas:

An empathy map canvas helps brands provide a better experience for users by helping teams understand the perspectives and mind set of their customers. Using a template to create an empathy map canvas reduces the preparation time and standardizes the process so you create empathy map canvases of similar quality



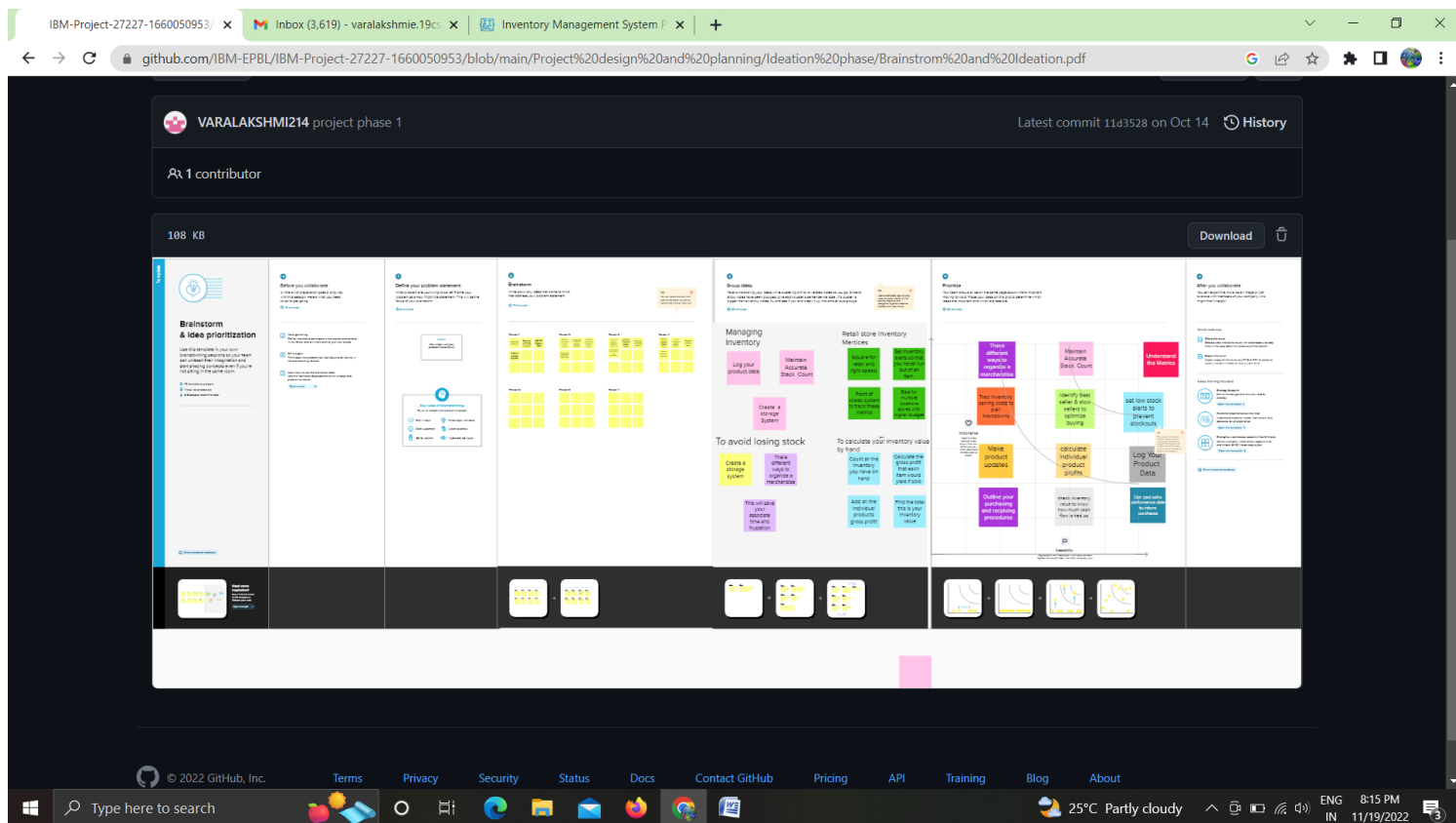
3.2 Ideation and Brainstorming:

Brainstorming is a group activity where everyone comes together to discuss strategies for growth and improvement. You can exchange ideas, share important information and use these meetings as informal catch-up sessions with your co-workers. Brainstorming combines a relaxed, informal approach to problem solving with lateral thinking. It encourages people to come up with thoughts and ideas that can, at first, seem a bit crazy. Some of these ideas can be crafted into original, creative solutions to a problem, while others can spark even more ideas.

Ideation is the process where you generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Brain writing, Worst Possible Idea, and a wealth of other ideation techniques. Ideation is also the third stage in the Design Thinking process.



As you can see, ideation is not just a one-time idea generation or a brainstorming session. In fact, we can divide ideation in these three stages: generation, selection, and development.

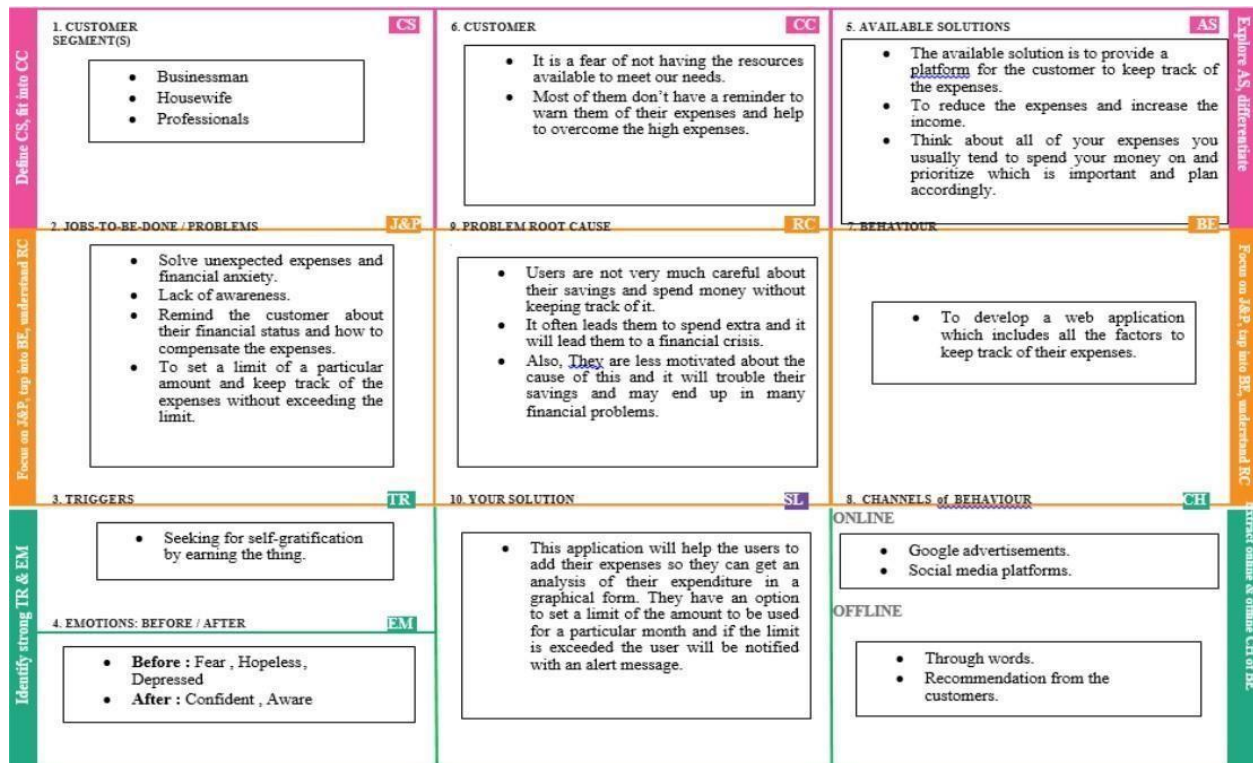


3.3 Proposed Solution:

Expense Tracker is going to be a mobile application so that It can be accessed any time required. This application will have a two-tier architecture: first one is the database tier, where all the data and financial data will be stored. Second it will be the user interface which will support the application user communicate with the system and also store Information in the database. The proposed system should operate offline so it can be accessed at any time without internet availability. The proposed system should provide different categories for the user to select from and they can enter the amount and mode of payment. This system should be able to analyze the information, provide analytics on which category did the user spent most of their money. The proposed system should provide a user interface where the user could store and observe their past expenses. To develop a personal finance application which allows users to add their expenses and based on their expense wallet balance will be updated and displayed. Also, users can get an analysis of their expenditure in graphical forms. They have an option to set a limit for the amount to be used for that particular month and if the limit is exceeded the users will be notified with an email alert

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Retailers' lack of a method to capture and maintain their inventory data is their main issue. Because the owner just keeps the inventory data in the logbook and is not properly structured, it is challenging for them to record it promptly and safely.
2.	Idea / Solution description	In order to maintain inventory information and prepare for future investments, we want to create an inventory management system. The user may see and track the sold and unsold goods. When a stock is about to close, the application will alert the user. Our web application will monitor user's stock by tracking the received SMS's from the user's mobile.
3.	Novelty / Uniqueness	Retailers are informed when the product is close to run out and urge the customer to purchase more. Providing Key Performance Indicator for analysing stock. Demand based advanced stock pre-order
4.	Social Impact / Customer Satisfaction	encourages the user to keep track of product availability and boost revenue. encourages the user to keep track of product availability and boost revenue.
5.	Business Model (Revenue Model)	This model's suggested low design cost makes it mor reliable and user-friendly.
6.	Scalability of the Solution	This suggested strategy will be able to manage a huge quantity of user data with effective utilisation of the IBM cloud. A large number of users may readily access and utilise it.

3.4 Problem Fit:



4. Requirement Analysis:

4.1 Functional Requirements:

1. Dashboard panel

The system shall authenticate the user and then display panel based on the particular identified user.

2. Add bill

The system shall allow the user to add bill details based on the user's need to the type of expenses.

3. Expense planner

Reporting and analytics are essential to any retailer because they tell you exactly what's going on in your business. Analyzing your data correctly enables you to make well-informed decisions around things like stock ordering, promotions, and staffing, among other things.

The Reporting and analytics are essential to any retailer because they tell you exactly what is going on in your business .Analyzing your data correctly enables you to make well-informed decisions around things like stock ordering,promotions and staffing among other things.

4. Expense tracker

The system should graphically represent the yearly expense numbers in form of report

5.Add notes

The system shall allow users to add notes to their expenses.

4.2 Non-Functional Requirements:

1. Usability

There is a consistency in all the modules and webpages. To ease the navigation there is a back tab to provide access to previous page. There is proper instruction on each page.

2. Reliability

Each data record is stored on a well-built efficient database schema. There is no risk of data loss. The internal evaluation of data is well coded.

3. Supportability

The system is well built to support any machine. Maintainability of the system is easy.

4. Performance

In order to ease the accessibility, the types of expenses are categorized along with an option to name on the own. Throughput of the system is increased due to light weight database support.

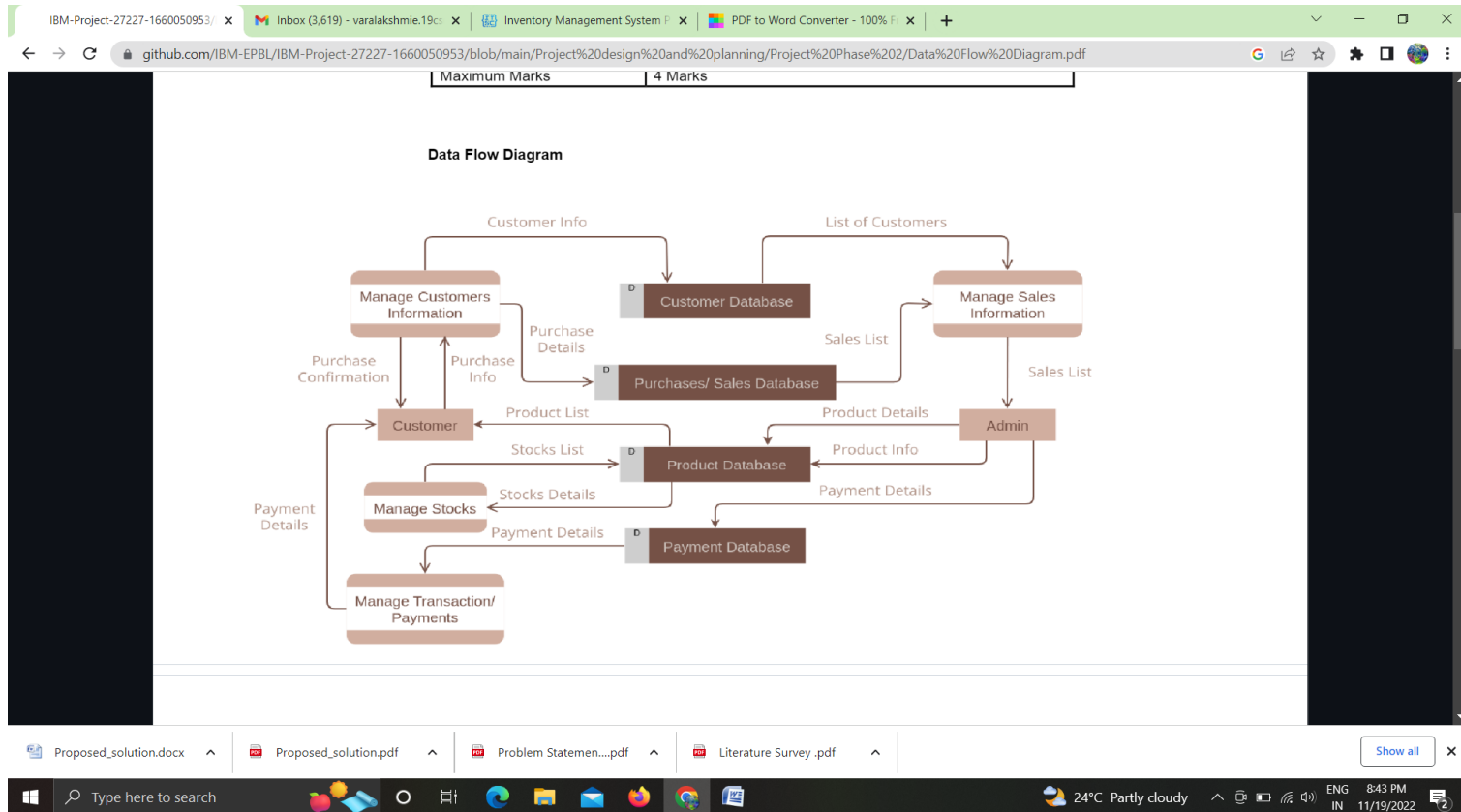
5. Availability

The system is available all the time, no time constraint.

5. Project Design

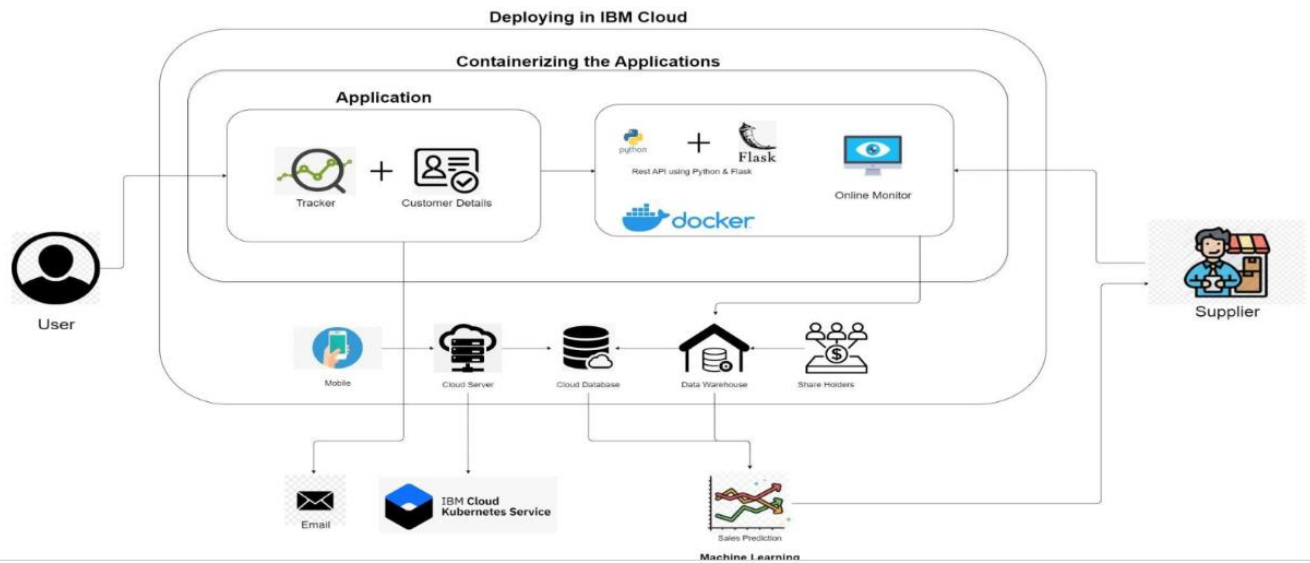
5.1 Data flow Diagrams:

A data flow diagram (DFD) is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement. Data flow diagrams provide a straightforward, efficient way for organizations to understand, perfect, and implement new processes or systems. They're visual representations of your process or system, so they make it easy to understand and prune.



5.2 Solution & Technical Architecture:

Technical Architecture (TA) is a form of IT architecture that is used to design computer systems. It involves the development of a technical blueprint with regard to the arrangement, interaction, and interdependence of all elements so that system-relevant requirements are met.



6. Project Planning & Scheduling:

6.1 Sprint Planning & Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Retailer	USN-1	The retailer can search for the stocks whatever he/she want and order them based on his/her requirement.	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar
Sprint-2	Inventory Manager	USN-2	The role of the inventory manager is to check out the database about the stock and have a track of all the things that	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar

			the users are purchasing.			
Sprint-3	Chatbot	USN-3	The retailers can directly talk with the chatbot regarding the stocks available in the inventory. Get the recommendations based on information provided by the retailer.	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar
Sprint-4	Final delivery	USN-4	Container of the applications using docker, Kubernetes and deployment of the application. Create the documentation and final submit the application	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar

6.2 Sprint Delivery Schedule:

A sprint schedule is a document that outlines sprint planning from end to end. It's one of the first steps in the agile sprint planning process—and something that requires adequate research, planning, and communication.

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	28 Oct 2022	02 Nov 2022	20	02 Nov 2022
Sprint-2	20	6 Days	04 Oct 2022	09 Nov 2022	20	09 Nov 2022
Sprint-3	20	6 Days	11 Oct 2022	16 Nov 2022	20	16 Nov 2022
Sprint-4	20	6 Days	18 Oct 2022	23Nov 2022	20	23 Nov 2022

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

7. Coding & Solution:

7.1 Database Schema:

Browser tabs: Fwd: - varalakshmi.19cse@kong x | Nalaiya Thiran Report.docx - Google x | IBM-Project-27227-1660050953/ x

Address bar: github.com/IBM-EPBL/IBM-Project-27227-1660050953/blob/main/Implementation%20of%20web%20application/Team%20Leader-Varalakshmi...

IBM Cloud Console - Cloud Object Storage - nodejs bucket

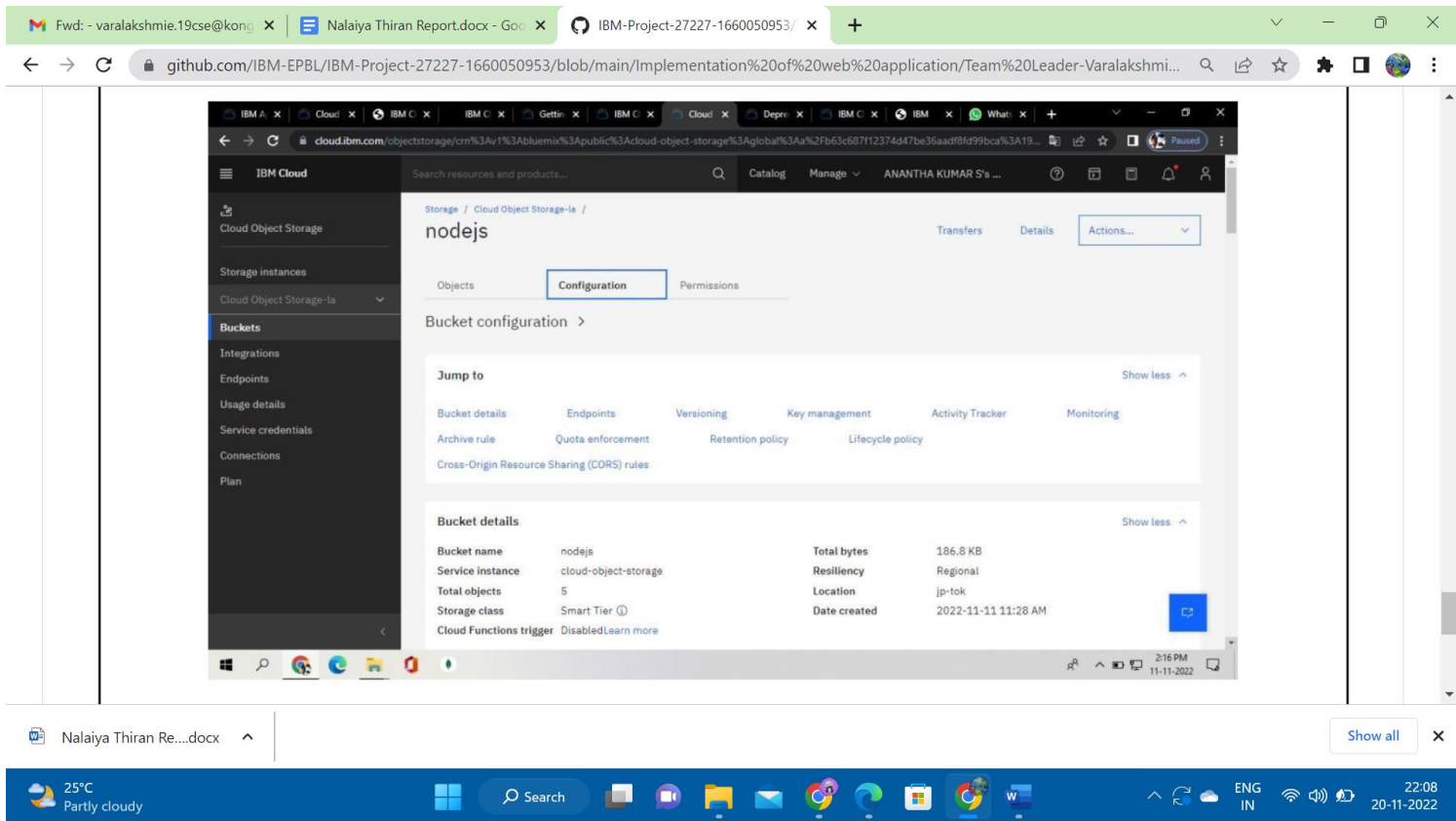
Warning: All objects in this bucket have public view access.

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

<input type="checkbox"/>	Object name	Archived	Size	Last modified	
<input type="checkbox"/>	.gitignore		30 bytes	2022-11-11 11:29 AM	
<input type="checkbox"/>	REA...md		2.2 KB	2022-11-11 11:29 AM	
<input type="checkbox"/>	package-lock.json		181.8 KB	2022-11-11 11:29 AM	
<input type="checkbox"/>	package.json		712 bytes	2022-11-11 11:29 AM	

Taskbar: 25°C Partly cloudy | Search | 2:16 PM 11-11-2022 | 22:08 20-11-2022



8. Testing

Testing is the process of evaluation a software item to detect differences between given input and expected output. Testing is a process should be done during the development phase.

Test Case Id	Test Description	Input Test Data	Expected Result	Actual Result	Remarks
TC-1	Install PET app in android phone	Transfer PET app	Open Application with it home page	Application executed with home page	Pass

TC-2	Enter valid data in username and password field	lyall	Show home page for user lyall	Displayed home page for user lyall	Pass
TC-3	Enter a valid data in username and leave password field empty	lyall	Show error	Didn't show any error	Fail

9. Results

#LOGINPAGE

```
<!DOCTYPE html>
```

```
<!-- saved from url=(0022)http://localhost:4200/ -->
```

```
<html lang="en">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<title>Inventory_Managing_System</title>
```

```
<!--<base href="/">--><base href=".">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="icon" type="image/x-icon" href="http://localhost:4200/favicon.ico">
```



```
<link rel="stylesheet" href="/login_files/font-awesome.min.css">
<link rel="stylesheet" href="/login_files/bootstrap.min.css">
<link rel="stylesheet" href="/login_files/styles.css"><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJhcHAuY29tcG9uZW50LmNzcyJ9 */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJsb2dpbi5jb21wb25lbnQuY3NzIn0= */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJzaWdudXAuY29tcG9uZW50LmNzcyJ9 */</style></head>
<body>
  <div class="g-signin2" data-onsuccess="onSignIn" data-longtitle="true"></div>
  <script src="/login_files/popper.min.js.download" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlhmh/jp3"
crossorigin="anonymous"></script>
  <script src="/login_files/bootstrap.min.js.download" integrity="sha384-
IDwe1+LCz02ROU9k972gdyvl+AESN10+x7tBKgc9I5HFtuNz0wWnPclzo6p9vxnk"
crossorigin="anonymous"></script>
  <app-root _ngghost-ssa-c85="" ng-version="14.2.7">
<router-outlet _ngcontent-ssa-c85=""></router-outlet><app-login _ngghost-ssa-c52="" class="ng-star-inserted">
<div _ngcontent-ssa-c52="" class="outer">
<div _ngcontent-ssa-c52="" class="container">
<div _ngcontent-ssa-c52="" class="row">
<div _ngcontent-ssa-c52="" class="offset-md-2 col-lg-5 col-md-7 offset-lg-4 offset-md-3">
<div _ngcontent-ssa-c52="" class="panel border bg-white">
<div _ngcontent-ssa-c52="" class="panel-heading">
<h2 _ngcontent-ssa-c52="" class="pt-3 font-weight-bold">Login</h2>
</div>
<div _ngcontent-ssa-c52="" class="panel-body pt-3">
<form _ngcontent-ssa-c52="" novalidate="" ng-reflect-form="[object Object]" class="ng-untouched ng-pristine ng-
invalid">
<div _ngcontent-ssa-c52="" class="form-group pt-3 p-3">
<label _ngcontent-ssa-c52="" style="font-weight: bold;">User Name</label><div _ngcontent-ssa-c52=""
class="input-field mt-1">
```

```

<span _ngcontent-ssa-c52="" class="fa fa-user pt-2"></span>

<input _ngcontent-ssa-c52="" formcontrolname="username" type="text" placeholder="username" ng-reflect-
name="username" class="ng-untouched ng-pristine ng-invalid">

</div>

</div>

<!--bindings={
  "ng-reflect-ng-if": "false"
}-->

<div _ngcontent-ssa-c52="" class="form-group pt-3 p-3"><label _ngcontent-ssa-c52="" style="font-weight:
bold;">Password</label>

<div _ngcontent-ssa-c52="" class="input-field mt-1">

<span _ngcontent-ssa-c52="" class="fa fa-lock pt-2"></span>

<input _ngcontent-ssa-c52="" formcontrolname="password" placeholder="password" ng-reflect-name="password"
type="password" class="ng-untouched ng-pristine ng-invalid">

<span _ngcontent-ssa-c52="" class="fa fa-eye-slash"></span>

</div>

</div>

<!--bindings={
  "ng-reflect-ng-if": "false" }-->

<div _ngcontent-ssa-c52="" class="form-inline fr p-3 pt-1">

<a _ngcontent-ssa-c52="" id="forget" class="font-weight-bold">forget password ?</a>

</div>

<div _ngcontent-ssa-c52="" class="p-3">

<button _ngcontent-ssa-c52="" type="submit" class="btn btn-primary btn-block mt-4 w-100">Login</button>

</div>

<div _ngcontent-ssa-c52="" class="p-3 pt-0">

<button _ngcontent-ssa-c52="" routerlink="/signup" type="submit" class="btn btn-primary btn-block mt-4 w-100"
tabindex="0" ng-reflect-router-link="/signup">Register</button>

</div>

</form>

</div>

<div _ngcontent-ssa-c52="" class="mx-3 my-2 py-2 bordert"><div _ngcontent-ssa-c52="" class="text-center py-
3">

<a _ngcontent-ssa-c52="" href="https://www.facebook.com/" target="_blank" class="px-2"></a>

```



```

<link rel="stylesheet" href="/sigup_files/font-awesome.min.css">
<link rel="stylesheet" href="/sigup_files/bootstrap.min.css">
<link rel="stylesheet" href="/sigup_files/styles.css">
<style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJhcHAuY29tcG9uZW50LmNzcyJ9 */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJsb2dpbi5jb21wb251bnQuY3NzIn0= */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJzaWdudXAuY29tcG9uZW50LmNzcyJ9 */</style>
</head>
<body>
<div class="g-signin2" data-onsuccess="onSignIn" data-longtitle="true"></div>
<script src="/sigup_files/popper.min.js.download" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxs/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlhmh/jp3"
crossorigin="anonymous"></script>
<script src="/sigup_files/bootstrap.min.js.download" integrity="sha384-
IDwe1+LCz02ROU9k972gdyvl+AESN10+x7tBKgc9I5HFtuNz0wWnPclzo6p9vxnk"
crossorigin="anonymous"></script>
<app-root _ngghost-ssa-c85="" ng-version="14.2.7"><router-outlet _ngcontent-ssa-c85=""></router-outlet>
<app-signup _ngghost-ssa-c53="" class="ng-star-inserted">
<app-sidenav _ngcontent-ssa-c53=""></app-sidenav>
<div _ngcontent-ssa-c53="" class="outer">
<div _ngcontent-ssa-c53="" class="container">
<div _ngcontent-ssa-c53="" class="row">
<div _ngcontent-ssa-c53="" class="offset-md-2 col-lg-5 col-md-7 offset-lg-4 offset-md-3">
<div _ngcontent-ssa-c53="" class="panel border bg-white">
<div _ngcontent-ssa-c53="" class="panel-heading">
<h2 _ngcontent-ssa-c53="" class="pt-3 font-weight-bold">Create New Account</h2>
</div>
<div _ngcontent-ssa-c53="" class="panel-body pt-3 p-3">
<form _ngcontent-ssa-c53="" novalidate="" ng-reflect-form="[object Object]" class="ng-untouched ng-pristine ng-
invalid">

```

```
<div _ngcontent-ssa-c53="" class="form-group mt-1 p-3">
<label _ngcontent-ssa-c53="" style="font-weight: bold;">User Name</label>
<div _ngcontent-ssa-c53="" class="input-field">
<span _ngcontent-ssa-c53="" class="fa fa-user pt-2"></span>
<input _ngcontent-ssa-c53="" formcontrolname="username" type="text" placeholder="username" ng-reflect-
name="username" class="ng-untouched ng-pristine ng-invalid">
</div>
</div>
<div _ngcontent-ssa-c53="" class="form-group mt-1 p-3 pt-0">
<label _ngcontent-ssa-c53="" style="font-weight: bold;">Email</label>
<div _ngcontent-ssa-c53="" class="input-field">
<span _ngcontent-ssa-c53="" class="fa fa-user pt-2"></span>
<input _ngcontent-ssa-c53="" formcontrolname="email" type="email" placeholder="Email" ng-reflect-
name="email" class="ng-untouched ng-pristine ng-invalid">
</div>
</div>
<div _ngcontent-ssa-c53="" class="form-group p-3 pt-0">
<label _ngcontent-ssa-c53="" style="font-weight: bold;">Password</label>
<div _ngcontent-ssa-c53="" class="input-field">
<span _ngcontent-ssa-c53="" class="fa fa-lock pt-2"></span>
<input _ngcontent-ssa-c53="" formcontrolname="password" placeholder="password" ng-reflect-name="password"
type="password" class="ng-untouched ng-pristine ng-invalid">
<span _ngcontent-ssa-c53="" class="fa fa-eye-slash"></span>
</div>
</div>
<div _ngcontent-ssa-c53="" class="p-3">
<button _ngcontent-ssa-c53="" type="submit" class="btn btn-primary btn-block mt-4 w-100">Register</button>
</div>
<div _ngcontent-ssa-c53="" class="col-12 text-center">
<span _ngcontent-ssa-c53="">Already Have an Account</span>
</div>
<div _ngcontent-ssa-c53="" class="p-3 pt-0">
<button _ngcontent-ssa-c53="" routerlink="/" type="submit" class="btn btn-primary btn-block mt-4 w-100"
tabindex="0" ng-reflect-routerlink="/">Login</button>
```

```
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</app-signup><!--container--></app-root>
<script src="/sigup_files/runtime.js.download" type="module"></script>
<script src="/sigup_files/polyfills.js.download" type="module"></script>
<script src="/sigup_files/styles.js.download" defer=""></script>
<script src="/sigup_files/vendor.js.download" type="module"></script>
<script src="/sigup_files/main.js.download" type="module"></script>

<div class="overlay-container" aria-live="polite">
<div id="toast-container" class="toast-top-right toast-container">
</div>
</div>
</body>
</html>
```

#DASHBOARD

```
<!DOCTYPE html>
<!-- saved from url=(0031)http://localhost:4200/dashboard -->
<html lang="en">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Inventory_Managing_System</title>
<!--<base href="/">--><base href=".">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/x-icon" href="http://localhost:4200/favicon.ico">
```

```

<link rel="stylesheet" href="/dashboard_files/font-awesome.min.css">
<link rel="stylesheet" href="/dashboard_files/bootstrap.min.css">
<link rel="stylesheet" href="/dashboard_files/styles.css"><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJhcHAuY29tcG9uZW50LmNzcyJ9 */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJkYXNoYm9hcmQuY29tcG9uZW50LmNzcyJ9 */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJoZWZkZXIuY29tcG9uZW50LmNzcyJ9 */</style><style>
/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltL
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJuYXZiYXIuY29tcG9uZW50LmNzcyJ9 */</style></head>
<body>
<div class="g-signin2" data-onsuccess="onSignIn" data-longtitle="true"></div>
<script src="/dashboard_files/popper.min.js.download" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlhm/jp3"
crossorigin="anonymous"></script>
<script src="/dashboard_files/bootstrap.min.js.download" integrity="sha384-
IDweI+LCz02ROU9k972gdyvl+AESN10+x7tBKgc9I5HFtuNz0wWnPclzo6p9vxnk"
crossorigin="anonymous"></script>

<app-root _ngghost-cru-c85="" ng-version="14.2.7">
<router-outlet _ngcontent-cru-c85="">
</router-outlet>
<app-dashboard _ngghost-cru-c76="">
<app-header _ngcontent-cru-c76="" _ngghost-cru-c69="">
<header _ngcontent-cru-c69="" id="my-header">
<nav _ngcontent-cru-c69="" class="navbar bg-dark navbar-expand-lg">
<a _ngcontent-cru-c69="" href="http://localhost:4200/index.html" class="navbar-brand">

</a>
<button _ngcontent-cru-c69="" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation" class="navbar-toggler ml-auto mr-
2"><i _ngcontent-cru-c69="" class="fas fa-bars">

```

</i>

</button>

<div _ngcontent-cru-c69="" id="navbarNav" class="collapse navbar-collapse" style="flex-direction: row-reverse; margin-right: 8rem;">

<ul _ngcontent-cru-c69="" class="navbar-nav ml-auto">

<li _ngcontent-cru-c69="" class="nav-item">

<a _ngcontent-cru-c69="" href="http://localhost:4200/dashboard" class="nav-link">

 Home

<li _ngcontent-cru-c69="" class="nav-item">

<li _ngcontent-cru-c69="" class="nav-item">

<a _ngcontent-cru-c69="" href="http://localhost:4200/employee" class="nav-link">

 Staff

<li _ngcontent-cru-c69="" class="nav-item">

<a _ngcontent-cru-c69="" href="http://localhost:4200/contactus" class="nav-link">

 Contact us

<li _ngcontent-cru-c69="" class="nav-item">

<a _ngcontent-cru-c69="" href="http://localhost:4200/" class="nav-link">

<i _ngcontent-cru-c69="" class="fas fa-sign-out-alt">

</i>

Log Out

</div>

</nav>

</header>

</app-header>


```
<div _ngcontent-cru-c76="" class="row">
<div _ngcontent-cru-c76="" class="col-2">
<app-navbar _ngcontent-cru-c76="" _ngghost-cru-c71="">
<nav _ngcontent-cru-c71="" id="sidebar">
<ul _ngcontent-cru-c71="" class="nav nav-pills nav-fill">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/dashboard" class="nav-link active" ng-reflect-ng-class="active">
<i _ngcontent-cru-c71="" class="fa fa-dashboard"></i> Dashboard</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/report" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-file"></i>Products</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/addreport" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-upload"></i>Add Products</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/addcustomer" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-suitcase"></i>Add sell</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/customer" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-sellsy"></i>Sell Report</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/suppliers" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-suitcase"></i>Suppliers</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
```

```
<a _ngcontent-cru-c71="" href="http://localhost:4200/addsuppliers" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-suitcase"></i>Add Suppliers</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/employee" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-users"></i> Employees</a>
</li>
<li _ngcontent-cru-c71="" class="nav-item">
<a _ngcontent-cru-c71="" href="http://localhost:4200/addemployee" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-cru-c71="" class="fa fa-upload"></i>New Employees</a>
</li>
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
<br _ngcontent-cru-c71="">
</ul>
</nav>
</app-navbar>
</div>
<div _ngcontent-cru-c76="" class="col-10">
<div _ngcontent-cru-c76="" class="content-wrapper mt-2">
<app-line-chart _ngcontent-cru-c76="" class="p-3">
<div class="flex">
<div class="flex-item">
<div style="display: block;">
```

```
<canvas basechart="" width="1119" height="1119" style="width: 1398.75px; height: 1398.75px; display: block;
box-sizing: border-box;" ng-reflect-data="[object Object]" ng-reflect-options="[object Object]" ng-reflect-
type="line">
</canvas>
</div>
</div>
<div class="flex-item">
<table class="table table-responsive table-condensed">
<tr>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<!--bindings={
  "ng-reflect-ng-for-of": "May,June,July,August,September"
}-->
</tr>
<tr class="line-0">
<td>65</td>
<td>59</td>
<td>80</td>
<td>81</td>
<td>56</td>
<td>55</td>
<td>40</td>
```

```
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<!--bindings={
  "ng-reflect-ng-for-of": "May,June,July,August,September"
}-->
</tr>
<tr class="line-1">
<td>28</td>
<td>48</td>
<td>40</td>
<td>19</td>
<td>86</td>
<td>27</td>
<td>90</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<!--bindings={
  "ng-reflect-ng-for-of": "May,June,July,August,September"
}-->
</tr>
<tr class="line-2">
<td>180</td>
<td>480</td>
<td>770</td>
<td>90</td>
<td>1000</td>
```

```

<td>270</td>
<td>400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<!--bindings={
  "ng-reflect-ng-for-of": "May,June,July,August,September"
}-->
</tr>
<!--bindings={
  "ng-reflect-ng-for-of": "[object Object],[object Object]"
}-->
</table>
<div class="button-row">
<button class="btn btn-outline-danger m-2">Randomize</button>
<button class="btn btn-outline-light m-2">Recolor</button>
<button class="btn btn-outline-primary m-2">Toggle Series B</button>
</div>
</div>
</div>
</app-line-chart>
</div>
</div>
</div>
</app-dashboard>
<!--container-->
</app-root>
<script src="./dashboard_files/runtime.js.download" type="module"></script>
<script src="./dashboard_files/polyfills.js.download" type="module"></script>
<script src="./dashboard_files/styles.js.download" defer=""></script>

```

```
<script src="/dashboard_files/vendor.js.download" type="module"></script>
```

```
<script src="/dashboard_files/main.js.download" type="module"></script>
```

```
</body>
```

```
</html>
```

#EMPLOYEE DASHBOARD

```
<!DOCTYPE html>
```

```
<!-- saved from url=(0030)http://localhost:4200/employee -->
```

```
<html lang="en">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<title>Inventory_Managing_System</title>
```

```
<!--<base href="/">-->
```

```
<base href=".">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="icon" type="image/x-icon" href="http://localhost:4200/favicon.ico">
```

```
<link rel="stylesheet" href="/employee Dashboard_files/font-awesome.min.css">
```

```
<link rel="stylesheet" href="/employee Dashboard_files/bootstrap.min.css">
```

```
<link rel="stylesheet" href="/employee Dashboard_files/styles.css"><style>
```

```
/*#  
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL  
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJhcHAuY29tcG9uZW50LmNzcyJ9 */</style><style>
```

```
/*#  
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL  
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJlbXBsb3lZS5jb21wb25lbnQuY3NzIn0= */</style><style>
```

```
/*#  
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL  
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJoZWZkZXIuY29tcG9uZW50LmNzcyJ9 */</style><style>
```

```
/*#  
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbXSswibmFtZXMiOltdL  
CJtYXBwaW5ncyI6IiIsImZpbGUiOiJuYXZiYXluY29tcG9uZW50LmNzcyJ9 */</style><style>h5[_ngcontent-  
vyp-c70]{
```

```
  text-align: center;
```

```
  bottom: 10px;
```

```
  width: 100%;
```

```

}

/*#
sourceMappingURL=data:application/json;base64,eyJ2ZXJzaW9uIjozLCJzb3VyY2VzIjpbImZvb3Rlci5jb21wb25lbnQuY3NzIl0sIm5hbWVzIjpbXSswibWFwcGluZ3MiOiJBQUFBO0lBQ0ksa0JBQWtCO0lBQ2xCLFIBQVk7SUFDWixXQUFXO0VBQ2IiLCJmaWxlIjojZm9vdGVyLmNvbXBvbmVudC5jc3MiLCJzb3VyY2VzQ29udGVudCI6WyJoNXtcclxuICAgIHdpcjYwYXpZ246IGNlbnRlcjtcclxuICAgIGJvdHRvbTogMTBweDtcclxuICAgIHdpZHRoOiAxMDAlO1xyXG4gIH1cclxuXHJcbiJdfQ== */</style>

</head>

<body>

  <div class="g-signin2" data-onsuccess="onSignIn" data-longtitle="true"></div>

  <script src="/employee Dashboard_files/popper.min.js.download" integrity="sha384-oBqDVmMz9ATKxIep9tiCxs/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlhmh/jp3" crossorigin="anonymous"></script>

  <script src="/employee Dashboard_files/bootstrap.min.js.download" integrity="sha384-IDwe1+LCz02ROU9k972gdyvl+AESN10+x7tBKgc9I5HFtuNz0wWnPclzo6p9vxnk" crossorigin="anonymous"></script>

  <app-root _ngghost-vyp-c85="" ng-version="14.2.7">

    <router-outlet _ngcontent-vyp-c85=""></router-outlet>

    <app-employee _ngghost-vyp-c79="">

      <app-header _ngcontent-vyp-c79="" _ngghost-vyp-c69="">

        <header _ngcontent-vyp-c69="" id="my-header">

          <nav _ngcontent-vyp-c69="" class="navbar bg-dark navbar-expand-lg">

            <a _ngcontent-vyp-c69="" href="http://localhost:4200/index.html" class="navbar-brand">

            </a>

            <button _ngcontent-vyp-c69="" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation" class="navbar-toggler ml-auto mr-2">

              <i _ngcontent-vyp-c69="" class="fas fa-bars"></i>

            </button>

            <div _ngcontent-vyp-c69="" id="navbarNav" class="collapse navbar-collapse" style="flex-direction: row-reverse; margin-right: 8rem;">

              <ul _ngcontent-vyp-c69="" class="navbar-nav ml-auto">

                <li _ngcontent-vyp-c69="" class="nav-item">

                  <a _ngcontent-vyp-c69="" href="http://localhost:4200/dashboard" class="nav-link">

                    <span _ngcontent-vyp-c69="" class="item_outer"> Home </span>


```

```
</a>
</li>
<li _ngcontent-vyp-c69="" class="nav-item"></li>
<li _ngcontent-vyp-c69="" class="nav-item">
<a _ngcontent-vyp-c69="" href="http://localhost:4200/employee" class="nav-link">
<span _ngcontent-vyp-c69="" class="item_outer"> Staff</span>
</a>
</li>
<li _ngcontent-vyp-c69="" class="nav-item">
<a _ngcontent-vyp-c69="" href="http://localhost:4200/contactus" class="nav-link">
<span _ngcontent-vyp-c69="" class="item_outer"> Contact us </span>
</a>
</li>
<li _ngcontent-vyp-c69="" class="nav-item">
<a _ngcontent-vyp-c69="" href="http://localhost:4200/" class="nav-link">
<i _ngcontent-vyp-c69="" class="fas fa-sign-out-alt"></i>
<span _ngcontent-vyp-c69="">Log Out</span>
</a>
</li>
</ul>
</div>
</nav>
</header>
</app-header>
<div _ngcontent-vyp-c79="" class="row">
<div _ngcontent-vyp-c79="" class="col-2">
<app-navbar _ngcontent-vyp-c79="" _ngghost-vyp-c71="">
<nav _ngcontent-vyp-c71="" id="sidebar">
<ul _ngcontent-vyp-c71="" class="nav nav-pills nav-fill">
<br _ngcontent-vyp-c71="">
<br _ngcontent-vyp-c71="">
<li _ngcontent-vyp-c71="" class="nav-item">
```



```
<a _ngcontent-vyp-c71="" href="http://localhost:4200/dashboard" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-dashboard"></i> Dashboard</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/report" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-file"></i>Products</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/addreport" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-upload"></i>Add Products</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/addcustomer" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-suitcase"></i>Add sell</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/customer" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-sellsy"></i>Sell Report</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/suppliers" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-suitcase">
</i>Suppliers</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/addsuppliers" class="nav-link" ng-reflect-ng-class="">
<i _ngcontent-vyp-c71="" class="fa fa-suitcase">
</i>Add Suppliers</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
<a _ngcontent-vyp-c71="" href="http://localhost:4200/employee" class="nav-link active" ng-reflect-ng-
class="active">
<i _ngcontent-vyp-c71="" class="fa fa-users">
```

```
</i> Employees</a>
</li>
<li _ngcontent-vyp-c71="" class="nav-item">
  <a _ngcontent-vyp-c71="" href="http://localhost:4200/addemployee" class="nav-link" ng-reflect-ng-class="">
    <i _ngcontent-vyp-c71="" class="fa fa-upload">
      </i>New Employees</a>
    </li>
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
    <br _ngcontent-vyp-c71="">
  </ul>
</nav>
</app-navbar>
</div>
<div _ngcontent-vyp-c79="" class="col-10 p-0">
  <div _ngcontent-vyp-c79="">
    <section _ngcontent-vyp-c79="" class="mt-3">
      <div _ngcontent-vyp-c79="" class="container-fluid">
        <div _ngcontent-vyp-c79="" class="page-header ph-radius clearfix">
          <div _ngcontent-vyp-c79="" class="float-left">
            <h3 _ngcontent-vyp-c79="">Employee dashboard</h3>
          </div>
          <div _ngcontent-vyp-c79="" class="float-right">
            <div _ngcontent-vyp-c79="" class="d-flex">
              <nav _ngcontent-vyp-c79="" aria-label="breadcrumb">
```

```
<ol _ngcontent-vyp-c79="" class="breadcrumb border-0">
<li _ngcontent-vyp-c79="" class="breadcrumb-item">
<a _ngcontent-vyp-c79="" href="http://localhost:4200/dashboard">Dashboard</a>
</li>
<li _ngcontent-vyp-c79="" class="breadcrumb-item">
<a _ngcontent-vyp-c79="" href="http://localhost:4200/addemployee">New employee </a>
</li>
<li _ngcontent-vyp-c79="" aria-current="page" class="breadcrumb-item active"> employee </li>
</ol>
</nav>
</div>
</div>
</div>
<div _ngcontent-vyp-c79="" class="content-wrapper">
<div _ngcontent-vyp-c79="" class="row mx-0 mt-2">
<div _ngcontent-vyp-c79="" class="col-lg-12">
<form _ngcontent-vyp-c79="" novalidate="" class="theme-form ng-untouched ng-pristine ng-valid">
<div _ngcontent-vyp-c79="" class="form-colum">
<div _ngcontent-vyp-c79="" class="container">
<div _ngcontent-vyp-c79="" class="w3-container w3-content">
<div _ngcontent-vyp-c79="">
<table _ngcontent-vyp-c79="" class="table table-responsive">
<tr _ngcontent-vyp-c79="">
<th _ngcontent-vyp-c79=""></th>
<th _ngcontent-vyp-c79="">Name</th>
<th _ngcontent-vyp-c79="">Email</th>
<th _ngcontent-vyp-c79="">Mobile</th>
<th _ngcontent-vyp-c79="">D-O-B</th>
<th _ngcontent-vyp-c79="">Address</th>
</tr>
<tr _ngcontent-vyp-c79="">
<td _ngcontent-vyp-c79="" style="cursor: pointer;">
```

```
</td>
<td _ngcontent-vyp-c79="">Sridevi</td>
<td _ngcontent-vyp-c79=""><a href="mailto:714219106006@tnce.in">714219106006@tnce.in</a>
<td _ngcontent-vyp-c79="">9361442025</td>
<td _ngcontent-vyp-c79="">2001-12-20</td>
<td _ngcontent-vyp-c79="">19F maarapaalam,</td>
</tr>
<!--bindings={
  "ng-reflect-ng-for-of": "[object Object]"
}-->
</table>
</div>
</div>
</div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</section>
</div>
</div>
<app-footer _ngcontent-vyp-c79="" _nghost-vyp-c70="">
<h5 _ngcontent-vyp-c70="">TCE-Inventory_Mananging_system- copyright © 2022</h5>
</app-footer>
</div>
</app-employee>
<!--container-->
</app-root>
<script src="./employee Dashboard_files/runtime.js.download" type="module"></script>
<script src="./employee Dashboard_files/polyfills.js.download" type="module"></script>
```

```
<script src="/employee Dashboard_files/styles.js.download" defer=""></script>
<script src="/employee Dashboard_files/vendor.js.download" type="module"></script>
<script src="/employee Dashboard_files/main.js.download" type="module"></script>

</body></html>
```

Source Code: #Homepage.html

```
{% extends 'base.html' %} {% block body %}

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{% block body %}
<style>
body{

/* background-image: url('../static/images/hb2.png'); */
background-repeat: no-repeat;
background-attachment: fixed;
overflow: hidden;
}
img{
border-radius: 14px;
}
H1 {
position: relative;
right: -650PX;
top: -350PX;
color:#000000;
font-size: 60px;
}
p{
position: relative;
right: -680px;
```

```

top: -300px;
font-family:monospace;
font-size: 18px;
color: #000000;
}
span{
position: relative;
right: -650px;
top: -310px;
color: rgb(221, 67, 157);
}
.ccc {
position: relative;
top:80px;
left:-100px;
bottom: 100px;

} </style>
<div id=aa class="container">
<div class="ccc">
<!-- -->
<video height="450px" width="450px" style="position: relative; top: 50px; left: 90PX;" autoplay
loop>
<source src="/static/images/hbg1.mp4" type="video/mp4">
<source src="/static/images/hbg1.ogv" type="video/ogg">
Your browser does not support the video tag.
</video>
<h1>LET'S START JOURNEY</h1>
<P>Kadg web application helps<br> you to maintain budget<br>
and analyse the expense...</P>

```

```
</div>
```

```
<span class="btn btn-outline-dark"><a style="color: #FFA62B;" href="/add">Let's Begin</a></span>
```

```
</div>
```

```
<script>
```

```
window.watsonAssistantChatOptions = {
```

```
integrationID: "2b3b02fd-8700-468a-97d2-faaf63f747d3", // The ID of this integration.
```

```
region: "eu-gb", // The region your integration is hosted in.
```

```
serviceInstanceID: "32361bf7-986e-4117-986d-25414121489d", // The ID of your service instance.
```

```
onLoad: function(instance) { instance.render(); }
```

```
};
```

```
setTimeout(function(){
```

```
const t=document.createElement('script');
```

```
t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
```

```
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
```

```
document.head.appendChild(t);
```

```
});
```

```
</script>
```

```
{% endblock % }
```

Advantages:

1. **You have no control over your money**If you don't check your spending and create a budget, you will have no control whatsoever on your money. Instead, money will control you, and you will either have perpetual lack of funds or you will end up steeped in debt. A money manager app helps you decide between short-term and long-term spending.
2. **You have no financial goals**:If you are spending money frivolously, you will not have money to set financial goals. However, when you have a daily expense manager, you will be able to work with limited resources and use your money in a wise manner so that you can create financial goals and ensure you meet them.

3. **You are unaware what is happening with your money:** If you are clueless about how much is your inflow and how much you are spending; you will not know at the end of the month what happened to your money. An expense tracker helps you figure out what is happening to your money, and whether you can afford something you want.
4. **You spend and save in a haphazard manner:** If you don't have great financial management skills, you will not know how to categorize your expenses. However, tracking your expenses and budgeting them will help you become aware of how much you have to allocate to each expense category, and if you are short, you will be able to make adjustments with ease.
5. **You have no clue about making your money work for you:** In this day and age, when expenses are going through the roof, it has become crucial that you learn to make your money work for you so that you can create a nest egg for the future.
6. **You don't have funds for emergencies** Remember, emergencies come when you least expect. Hence, if you don't have money stashed away for a rainy day, you will end up borrowing from family and friends. This way you could get into debt that will be difficult to pay back due to your poor money management skills

Disadvantages:

Your information is less secure, and probably being used and sold. If the service is free, then the product is you. Mint.com, like other financial apps, is a free service. They have to pay their bills somehow, so regardless of what their privacy policy may or may not say, just assume that your spending history and trends are going to be recorded and analysed, by someone, somewhere. Now, you shouldn't have to worry about credit card fraud or identity theft, these companies are large enough and secure enough that you'll never have to worry about something like that. Just recognize that your information, most likely anonymous, will be used and potentially even sold. Personally, I have no problem with that, but if you do, then make sure you avoid these types of services. Automating everything to do with your finances can make you financially lazy. If your bills are paid automatically and your finances are track automatically, then what is there left for you to do? Not a lot, to be honest. So you might stop caring about what you're spending and where your money is going. Eventually you may look at your Mint data and realize that you've blown your budget over the last two months, but by then it is too late. So if you do choose to use this program, ensure that you are also being diligent in checking in on your finances. Set up a weekly or biweekly check for yourself to go through your finances and hit on all the important points.

Conclusion:

After making this application we assure that this application will help its users to manage the cost of their daily expenditure. It will guide them and aware them about their daily expenses. It will prove to be helpful for the people who are frustrated with their daily budget management, irritated because of amount of expenses and wishes to manage money and to preserve the record of their daily cost which may be useful to change their way of spending money. In short, this application will help its users to overcome the wastage of money

GitHub Link:

<https://github.com/IBM-EPBL/IBM-Project-29655-1660128156>

Project Demo Link: