

Capstone Project 2023

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Distributor Operations Manager

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<https://github.com/Learning2Code75/DLOM>

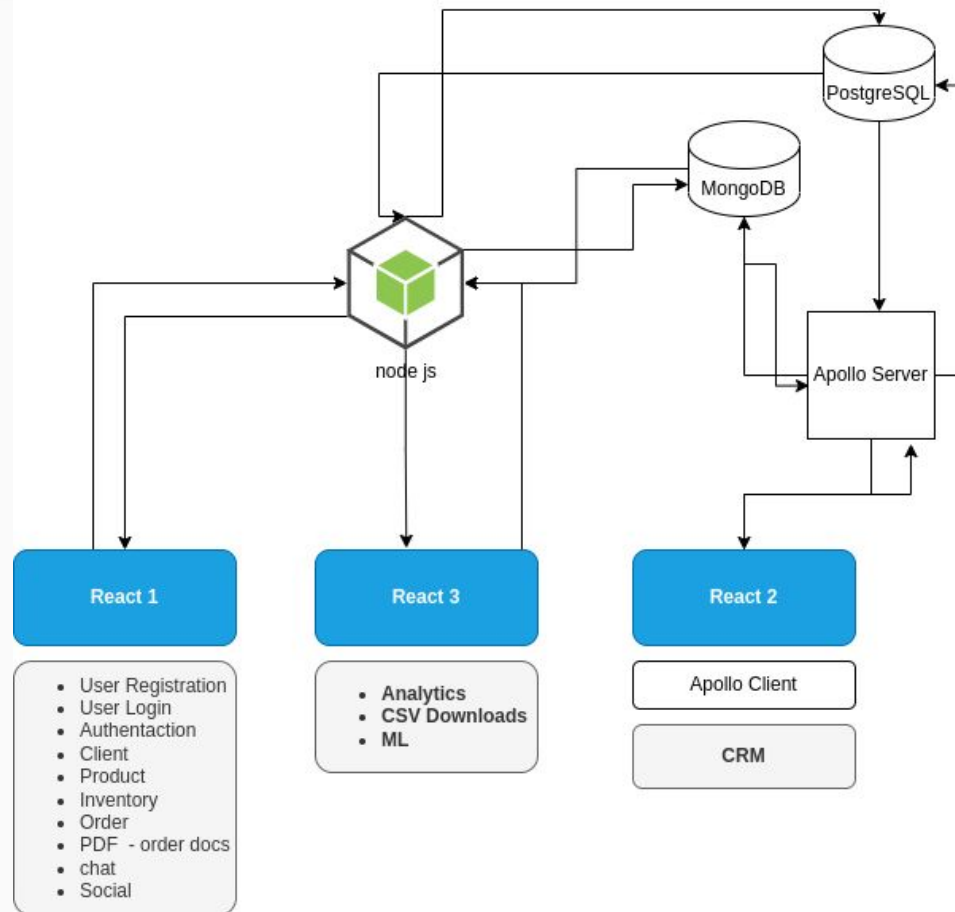
Web Application Link :

Distributor Operations Manager

A web application to manage operations at distributor level using different authorized accounts , approval workflow and documentation.

Neel Choksi - VIT,Vellore . B.Tech 3rd Year

Web Application - Structure



React 1

Distributor Operations

1. User Registration
2. User Login
3. Authentication
4. Client [View nicely as avatar]
5. Product [View nicely as catalogue]
6. Order [View nicely as kanban]
7. Inventory \$[Product]
8. PDF - order docs \$[Order]
9. Chat
10. Social

1)User Registration

1.

Operations :

1.

2)User Login

1.

Operations :

1.

3)Authentication

1.

Operations :

1.

4)Client

1.

Operations :

1.

5)Product

1.

Operations :

1.

6)Inventory

1.

Operations :

1.

7)Order

1.

Operations :

1.

8)Order PDF - Order Docs

1.

Operations :

1.

9) Chat

1.

Operations :

1.

10)Social

1.

Operations :

1.

React 2

CRM

1. CRM `$(Client)`

React 3

Analytics , CSV Downloads , ML

1. Analytics
2. CSV Downloads
3. ML

Apollo Server

React 2

1. Analytics
2. CSV Downloads
3. ML

Node Server

React 1 , React 3

1. Analytics
2. CSV Downloads
3. ML

Client Requirements

MERN: -

1. User data - Login , Register, Different user roles, profile
2. Client data - Create, Update , Delete , View
3. Product data - Create , Add, Update ,Delete ,View(catalogue)
4. Order data - Create, Add, Update, Cancel , View , PDF
5. Order process - Approval workflow
6. Social platform
7. Chat platform

GMERN : -

1. CRM

ML , Data analytics

1. Download CSV for doing ml, data analytics on it
2. Visualize data

ML :

1. Python , try multiple models using RP
2. Change algorithms, try new things whatever is available

Data analytics:

1. R : already available methods learnt in indus_intern + new from R Playlist

Client Deliverables

1. user management:login , registration , roles
2. user approval workflow
3. crud client
4. crm system for client
5. crud product
6. inventory system for product
7. crud order
8. pdf generation for order
9. social platform with chat for supplier, manufacturer,distributor, retailer
10. analytics : (tables, maps, charts)
11. react d3 -1,2 : 17 hr
12. chart js :15hr
13. download csv
14. ml :
15. tensorflow js: docs
16. serve csv → analyse in python(pull data)

User Data

1. Name : String
2. PhotoURL (URL from photo uploader) : String
3. Position (eg. Sales executive, Full Stack Web Developer) : String
4. Personal Pitch : String
5. Theme

Operations :

1. Update
2. [Pre View]

References

1. create read: <https://youtu.be/ngc9gnGgUdA>
2. update delete: <https://youtu.be/aibtHnbeuio>
3. login auth: <https://youtu.be/LKIO8vLvUao>
4. pagination , search: <https://youtu.be/LYWgPSbPDfQ>
5. comments : <https://youtu.be/46NRrn4xi5Y>
6. crm: GMERN: [https://github.com/Learning2Code75/GYB_vid5to8_gmern#references-Apollo server](https://github.com/Learning2Code75/GYB_vid5to8_gmern#references-Apollo-server) :

<https://youtube.com/playlist?list=PLpGo-Y3em4SXceWj-OOEFcJmN0MO05vs7>

Apollo server , apollo client fullstack:

https://youtube.com/playlist?list=PLASldBPN_pkDUuOzyPotAkKmvwqyDoA0g

<https://youtu.be/n1mdAPFq2Os> (GMERN)

Apollo client:

<https://youtu.be/4smsVPgZDOo> <https://youtu.be/DAiXXdGJvQ>

React gql crud: <https://youtu.be/ly3m6mv5qvg>

Project 6 - tabs Project 7 - slider Project 8 - grocery hud Project 9 - cart Project 10 - cocktails

References

Project 6 - tabs Project 7 - slider Project 8 - grocery bud Project 9 - cart Project 10 - cocktails

GQL react crud: <https://youtu.be/ly3m6mv5qvg>

Project 1 - birthday Project 2 - tour Project 3 - reviews Project 4 - q and a Project 5 - menu

React JS Frontend only: <https://youtu.be/ly3m6mv5qvg>

Lorem ipsum Color generator Navbar Sidebar, modal stripe

React cascading drop-down:

<https://www.cluemediator.com/cascading-dropdown-in-react>

React pdf print:

<https://youtu.be/497riGWbhsQ> <https://youtu.be/B1EoBWAFPp0>

<https://drive.google.com/drive/u/0/mobile/folders/11QepFbApvcbKNc1h4TLLLP8apRKhqPdr/1Jdk6EcYtzv86iyJGAVojLQjy4kqpadvn?sort=13&direction=a>

1. encrypted chat with social:

a. https://github.com/Learning2Code75/ISAA_Project_Sem5_VIT

2. analytics:

References

1. analytics:
 - a. structure data : <https://youtu.be/AN3t-OmdyKA>
 - b. data vis:
 - i. <https://youtu.be/2LhoCfjm8R4>
 - ii. <https://youtu.be/H2qPeJx1RDI>
2. ml :
 - a. <https://www.tensorflow.org/js/tutorials>
<https://nodejs.dev/learn>
<https://codelabs.developers.google.com/codelabs/tfjs-training-regression/index.html#2>
<https://developers.google.com/machine-learning/crash-course/>

<https://youtu.be/6uE4nfFgc5Q>
<https://youtu.be/mlxoB3wl9eY>
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<https://youtu.be/olFxW7kdtP8>
3. prev: https://github.com/Learning2Code75/IWP_Project_SEM5_VIT
4. css: https://m.youtube.com/playlist?list=PLhoNfB3WZFScWKvVE-_wdqe6_PH9LctiG