





# Business Management Application

## About

BMA (Business management application) is an app that helps to connect customers and businesses all in one app. The main feature of the app is the ability for customers to subscribe to any businesses or to any specific category type of business, if said businesses have an ongoing promotion/sales, the customer will be notified, through the app or via sms/email (depending on the customer)

## Planning/Development

### BMA

 Name	 Assign	 Date	 Status
<u>Creation of BMA</u>		@July 28, 2022	
<u>Completed tasks [Task 1]</u>		@July 29, 2022 → August 2, 2022	
<u>Completed tasks [Task 2]</u>		@July 30, 2022 → August 3, 2022	

## Insight

### ▼ Creation of BMA

Discussed and visualize app functions and design

### ▼ Completed tasks [Task 1]

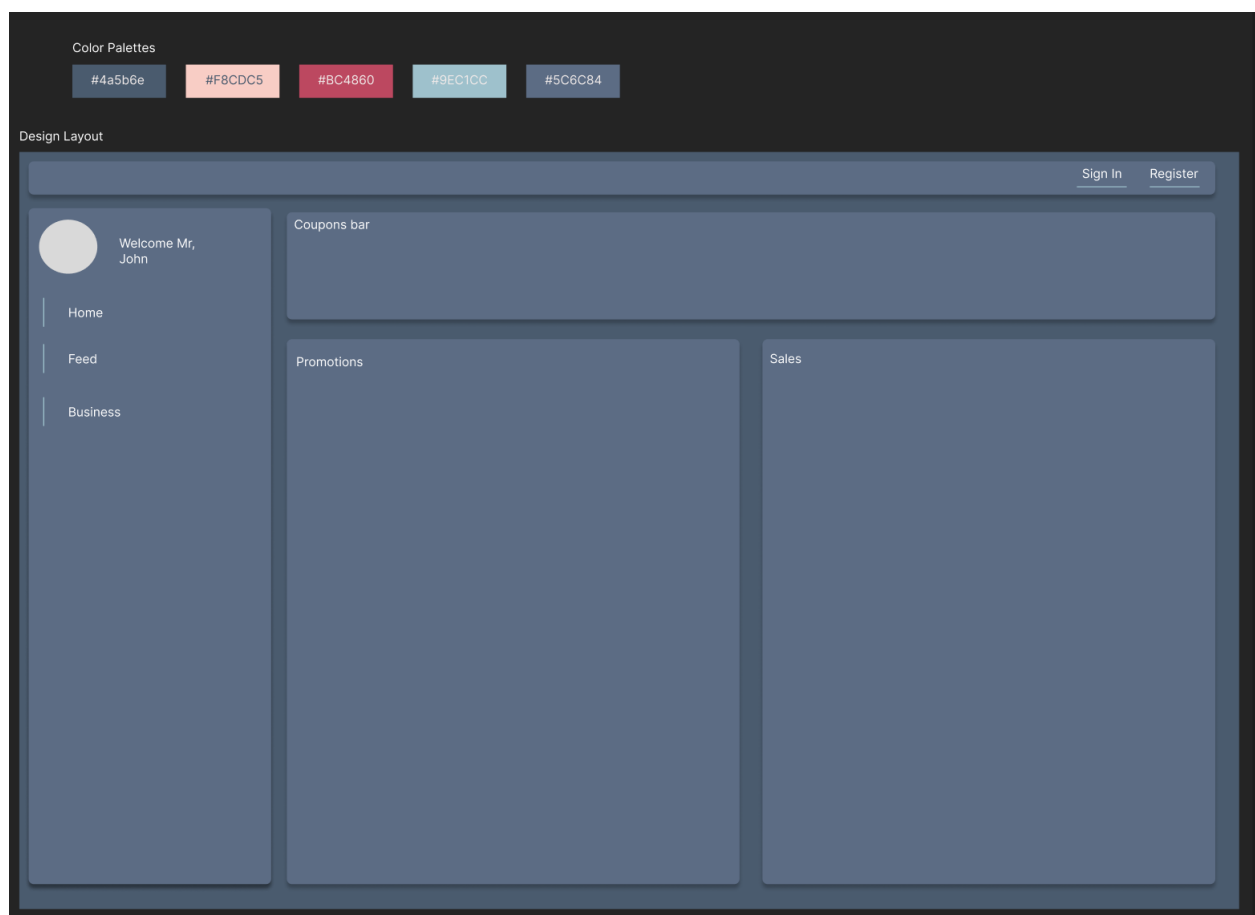
- GitHub Repository
- Main/Homepage
- Added more extra functional pages (Login/Register)

### ▼ Completed tasks [Task 2]

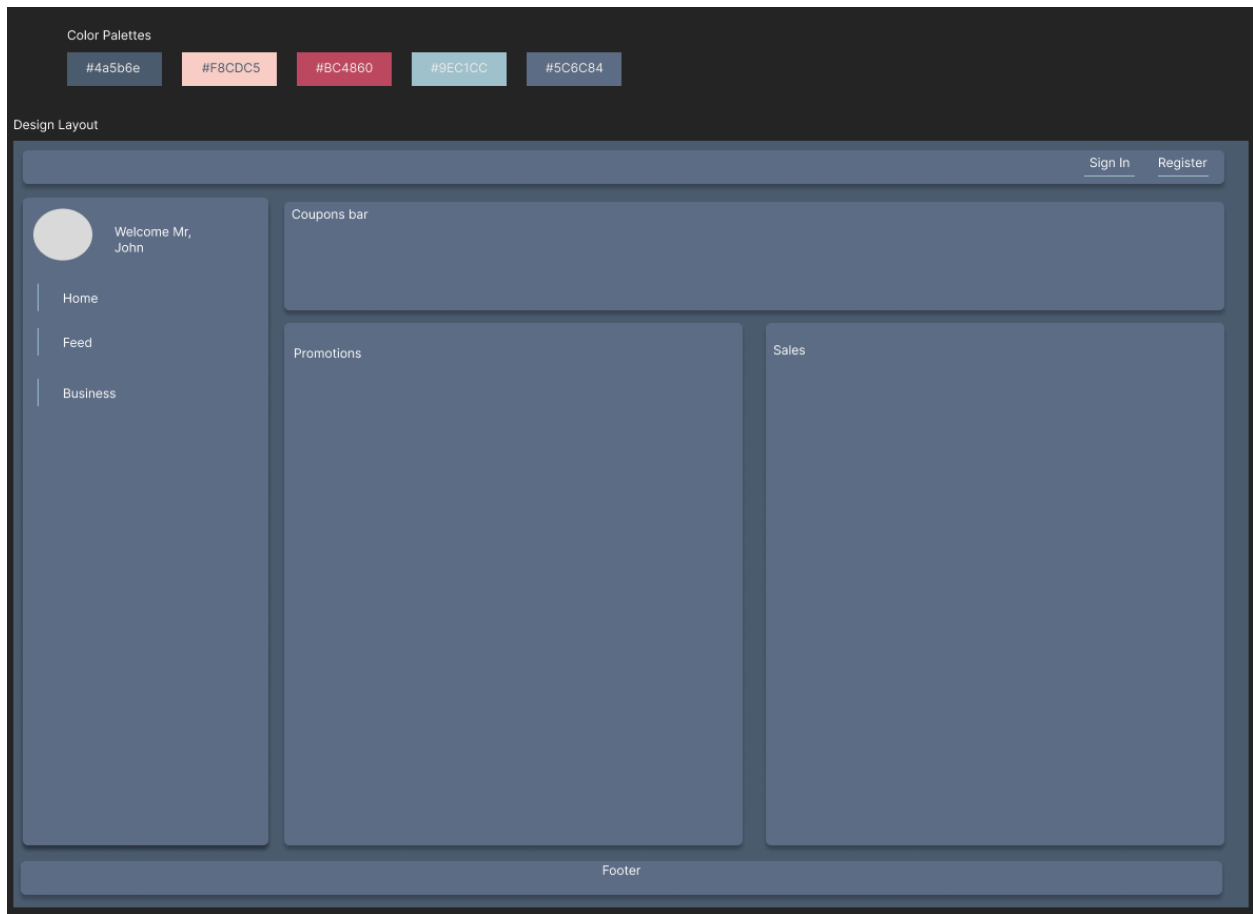
- Login page is functional
  - Error handling and validation check
- Register page is functional
  - Error handling and validation check
  - Email/SMS will sent notification to notify account is created
  - After verifying information, user data will be send to database
- Database MongoDB is setup
  - Schema for user is set

## Design Layout

### Prototype #1

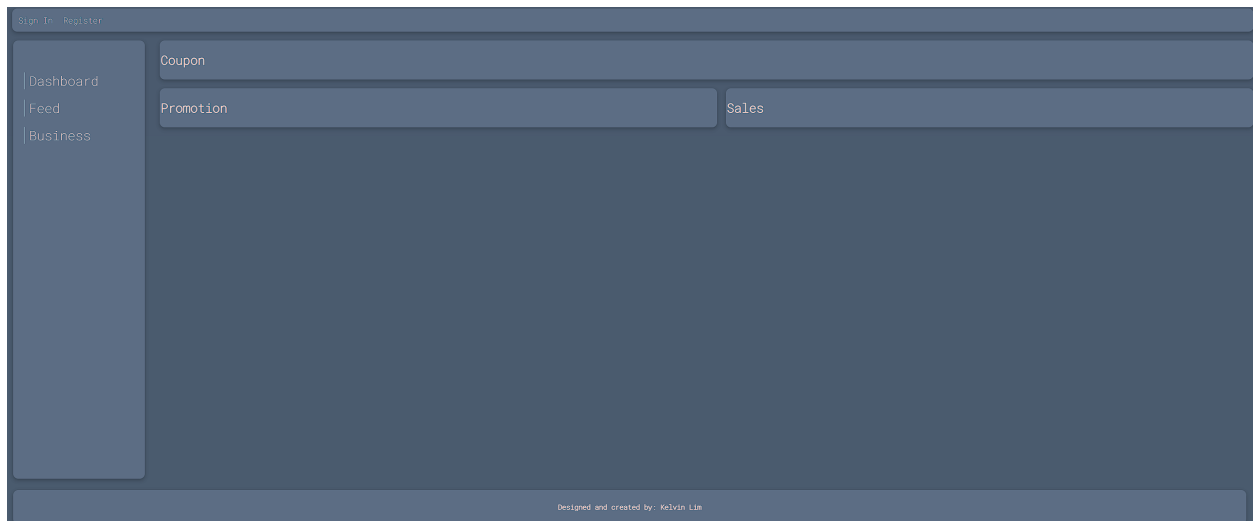


## Prototype #2



## Final Prototype

### Home Page



## Login Page

# BMA

## Login

Email

Password

[login](#)

Don't have an account?

[Register for free!](#)

Already have an account?

[Sign in now!](#)

Register Page

# BMA

## Register

Username

Email

Phone Number

Password

Register

Already have an account?

Sign in now!

Don't have an account?

Register for free!

### To-Do List

- ✓ ~~Create a viable app~~
- ✓ ~~Create GitHub repository~~

- ☒ Create main/homepage
  - ☒ Create database
    - ☒ Create login/register
      - ☒ Email send upon registering
      - ☐ Get code from SMS/Email [Optional]
    - ☐ Create business feed
    - ☐ Create subscription
  - ☒ Integrate Email/SMS
  - ☒ More APIs/Web Sockets
  - ☒ Tests cases
    - ☒ Added jest test case
  - ☒ Documentations
  - ☒ Docker
  - ☒ Automation
  - ☒ GitHub
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## Problems and complications

- Password encryption was a success but decrypting the password always lead to error.
- App does not catch all errors
- Did not have much time to implement 3 function that was planned
  - Coupon function
    - Div that display new coupons that are active at the time
  - Promotion function

- Div that display any ongoing promotions from businesses the user subscribed to
- Sales function
  - Similar to promotion function