Deals and Coupons Site

### Header Templating (5 hrs):

Creation of Navigation Bar

* Logo
* Home Page
* Coupons
* News
* About Us
* Sign Up/Sign In
* Support

The Navigation bar is the link to all the pages of the website, through which the user can navigate through the website. This Bar contains all the essential and most used parts of the Website like Home, Coupons, News, About Us, Sign In/Sign Up, About Us.

Using React creation of this whole website is done.

### Header Routing:

Using React, all the pages of the Website are linked, and creates a complete cycles for all the use cases.

* Browsing the Website
  + Home Page 🡪 Coupons
  + Home Page 🡪 News
  + Home Page 🡪 About Us
  + Home Page 🡪 Sign In / Sign Up
  + Coupons 🡪 Home Page
  + Coupons 🡪 News
  + Coupons 🡪 About Us
  + Coupons 🡪 Sign In /Sign Up
  + News 🡪 Coupons
  + News 🡪 Home Page
  + News 🡪 About Us
  + News 🡪 Sign In / Sign Up
  + Sign In / Sign Up 🡪 Home Page
  + Sign In / Sign Up 🡪 News
  + Sign In / Sign Up 🡪 About Us
  + Sign In / Sign Up 🡪 Coupons

These all pages are interlinked through routing, to ensure a complete all the use cases of the Website.

### Footer(1.5hrs):

Creation and Implementation of Footer

Footer, is constant for all the pages with the following links and details

* Media Links
* Contact Us
* Copyright

### API 1- Implementing Frontend Framework:

Using React, all the components and modules of the page are connected, to provide fulfil the requirements of the frontend framework.

To be continued with react components, modules and services

### API 1- Implementing REST Template(>3days):

Using the following urls the website exchange data with rest. The main pages are the microservices which contact with each by consuming JSON.

* Main Pages
  + /home 🡪 Home Page of the Website
  + /Coupons 🡪 Coupons Page of the Website
  + /News 🡪News Page of the Website
  + /About Us 🡪 About Us page of the Website
  + /Support 🡪 Support Page of the Website
  + /Login 🡪 Sign In page of the Website
* Login
  + /signIn 🡪 Common page for the users to Sign In
  + /signUp 🡪 Common page if the user wants to Create Account
  + /{userId}/forgotPassword 🡪 if the user forgets the password and to reset
  + /{userId}/orders 🡪 Orders page of the user(Sign In Required)
  + /{userId}/rewards 🡪 Rewards page of the user(Sign In Required)
  + /{userId}/recommended 🡪 Recommended page of the user(Sign In Required)
* Coupons
  + /coupons/categories 🡪 Categories section of the Deals and Coupons
  + /coupons/categories/Electronics 🡪 Electronics Deals and Coupons Page
  + /coupons/categories/Beauty 🡪 Beauty Deals and Coupons Page
  + /coupons/categories/Food 🡪 Food Deals and Coupons Page
  + /coupons/categories/Cleaners 🡪 Cleaners Deals and Coupons Page
  + /categories/Entertainment 🡪 Entertainment Deals and Coupons Page
* Rewards
  + /{userId}/Rewards
* Admin
  + /{userId}/isAdmin={1}/Home 🡪 Home page for the Admin to Configure webpage
  + /{userId}/isAdmin={1}/Coupons 🡪Coupon editable page for Admin
    - /{userId}/isAdmin={1}/addCoupons 🡪 To add Coupons or Deals
    - /{userId}/isAdmin={1}/removeCoupons 🡪 To remove Coupons or Deals
  + /{userId}/isAdmin={1}/Ads 🡪 Ads on Webpage
    - /{userId}/isAdmin={1}/addAds 🡪 To add Ads to the Webpage
    - /{userId}/isAdmin={1}/removeAds 🡪 To remove Ads to the Webpage

### Implementing-MongoDB:

Creation of User, Admin, Data Collections in MongoDB

User

* First Name
* Last Name
* Email
* Address
* Reward Points
* Reward History
* Cart
* Orders
* Wishlist
* IsAdmin

Data

* Website Data
  + Images
  + Feedback
  + Sources
  + Ads
  + Brands
    - Deals
    - Coupons
    - Availability
* Users
  + Username and Password
  + Order History
  + Revenue
  + Rewards