

# REACT

Frontend / Web App / Client

USER

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USER DASHBOARD

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# NODE

Backend / API / Server

USER

Categories

Links

Database setup with Mongo Atlas

Response All Categories with links

Response with All Links

User model/schema/methods

Response Single Category & Links

Response Single Link

Register / Login Validation

Admin and Auth Protected Routes

Admin and Auth Protected Routes

AWS SES for Sending Emails

Create Category

Create Link

Register / Email Confirmation

Upload Image to AWS S3

Update Link

Login / Response with JWT

Update Category

Delete Link

Forgot password / Email Link

Delete Category

Reset password / New Password

# USER/REACT

## Register

1. Create register page
2. Store user information in state
3. Post user data to API
4. Signup to AWS
5. Use AWS SES service for sending email
6. Node API will send confirmation email
7. Email will contain link/token with all their info such as name email etc

## Activation

1. Create account activation page
2. User click on activation email
3. They will land on account activate page
4. Grab token from the link/url and post to Node API
5. API will check for valid link/token
6. Finally user is saved in to database
7. Registration complete
8. Now user can login

## Login

1. Create login page
2. Make post request to Node API
3. User can login with email and password
4. Once login they can submit/post link
5. They can view all their posts
6. They can update or delete their posts

## Forgot password

1. Create forgot password page
2. User can request if they forgot password
3. We ask them to enter their email address
4. We post that email to Node API
5. API will generate link/token and save in database
6. API will send that link/token to their email address

## Reset password

1. Create reset password page
2. User clicks on the email link they received
3. User lands in reset password page
4. Grab token from the link/url
5. Ask user to enter new password and post to Node API
6. API will check for valid link/token against the token that was also saved in database
7. Finally a success response sent to user that their new password is ready to use
8. Now user can login with their new password

# PAGES

## Home / Landing Page

1. Home page will show all the categories with image and category name
2. Images with url will be fetched from AWS S3
3. Trending section will show top 3 trending links based on highest clicks count. These links could be from any categories

## Single Category View

1. Single category view page will show each category when they are clicked on home page
2. Single view page will show category name, image, description and all the links related to this category.
3. As the users scroll down, new links will be fetch from API and render on the page using infinite scrolling
4. On right sidebar we will show a list of links that are popular (based on highest clicks) in the given category

# ADMIN DASHBOARD

Admin Dashboard

Create category

Update Delete Links

Update Delete Categories

Submit Link

Update Profile

# USER DASHBOARD

User Dashboard

Update Profile

Submit Link

Update Delete Links

# DEPLOYMENT