



NeoSTORE

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Neosoft Technologies

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Navi Mumbai, 400701

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Overview

NeoSTORE is E-Commerce website where customers can buy a product online with ease. This website provides the tons of cutting edge technologies features of online purchasing. The objective of this project is to develop a general purpose e-commerce store where any product (such as furniture, table, bed) can be bought from the comfort of home through the Internet.

Technologies Used

I. Front end

The entire front is build with the [Angular 2](#). For CSS framework [Bootstrap](#) is used.

II. Back end

The backend is in [Node.js](#) with [Loopback framework](#) by using [MongoDB](#) as database.

Technical specifications

The components of NeoSTORE website are listed and explained below.

I. Home page

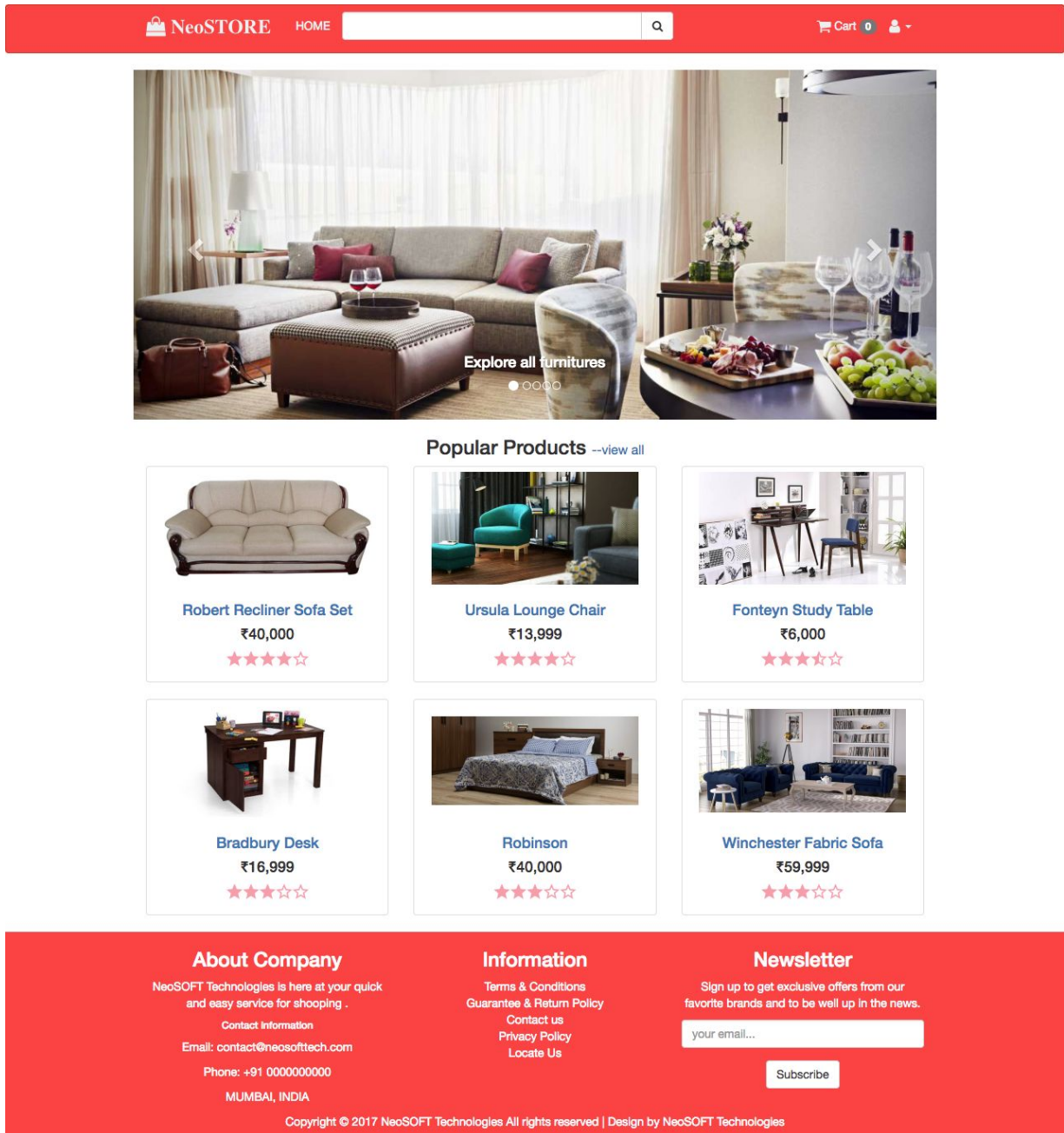
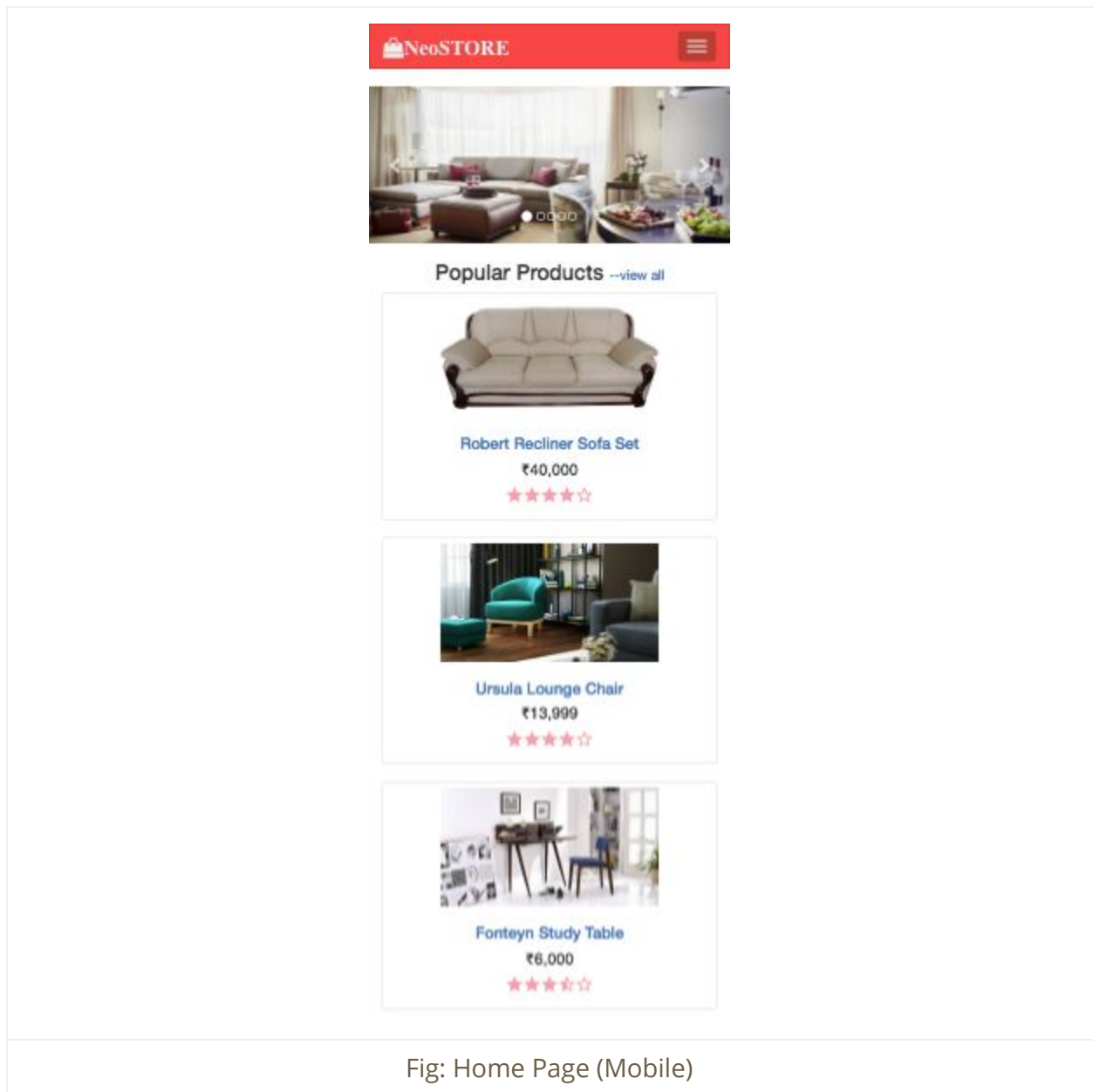


Fig: Home Page



This is the homepage or root page of the website.

The Home page consist of following parts

- Image slider

In image slider we are displaying it as image of different categories we have.

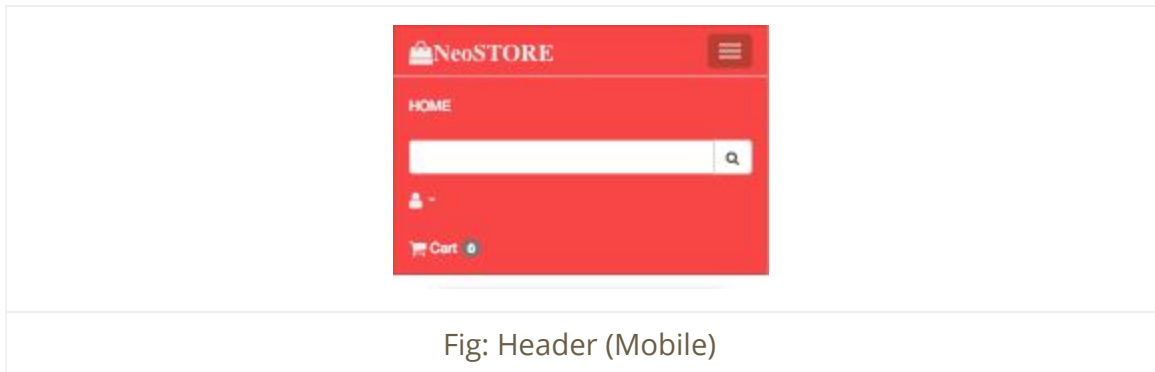
- List of popular products

In this we are displaying the list of the product ordered by the ratings of the products. The most highly rated product will make entry here but the limit of the product is to be set to 6.

II. Header and Footer

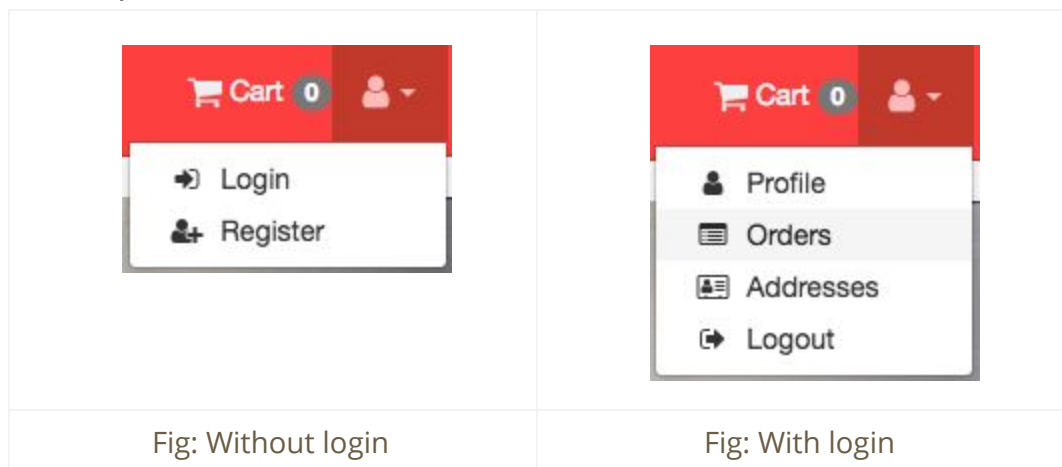
The Header and footer are available at every screens. The header and footer is different for cart and payment screens.

- Header



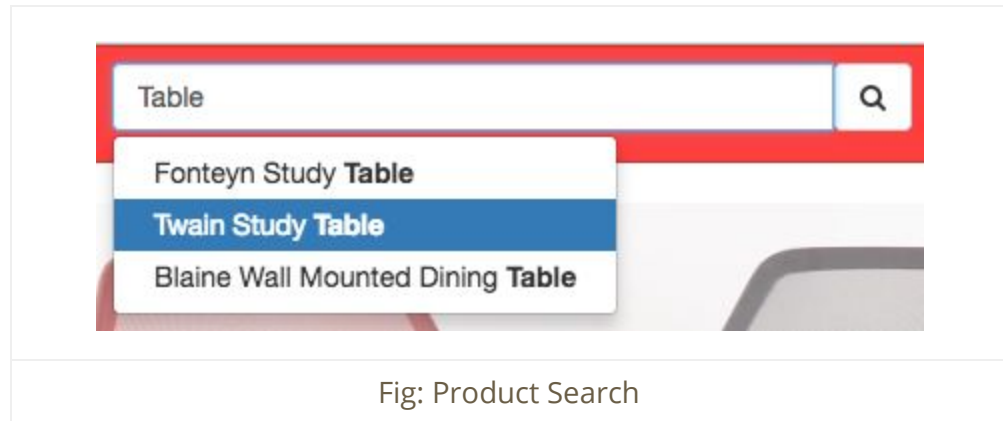
Header consist of Branding, Product Search, Cart and User dropdown. User dropdown is conditional if user is logged in then it will display the User related components otherwise it will display login/register.

- User dropdown



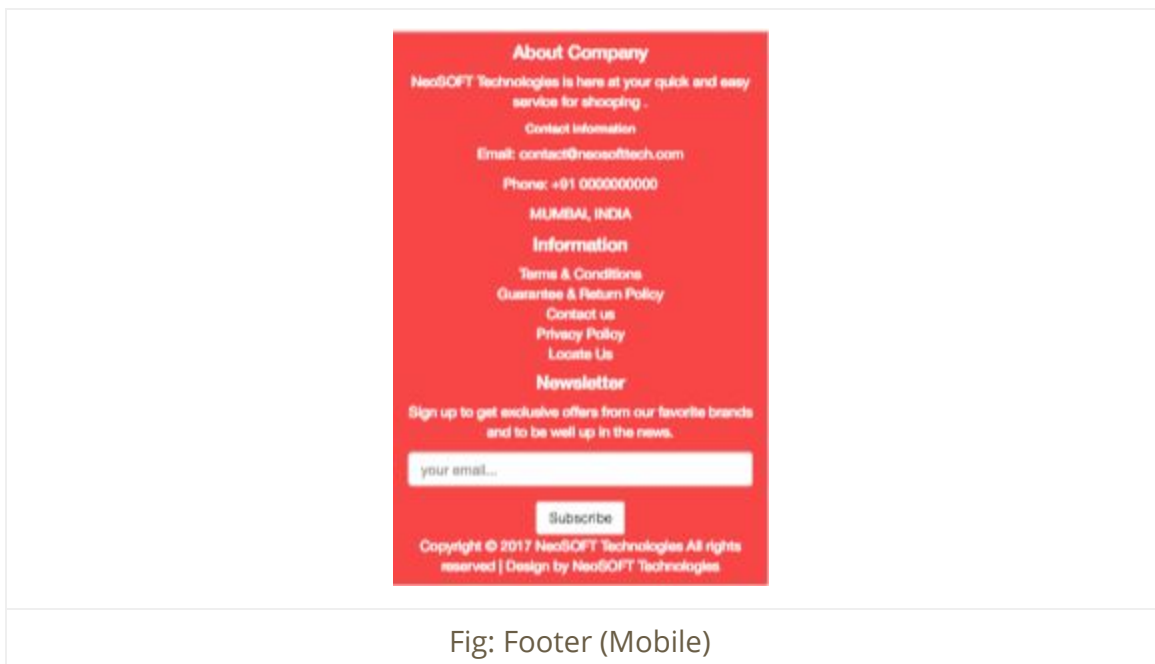
- Product Search

Product search for the name of the product. It will fetch the name directly from database and displays in the list like figure. When user click/select any one from list it will redirect to the product page of that selected product

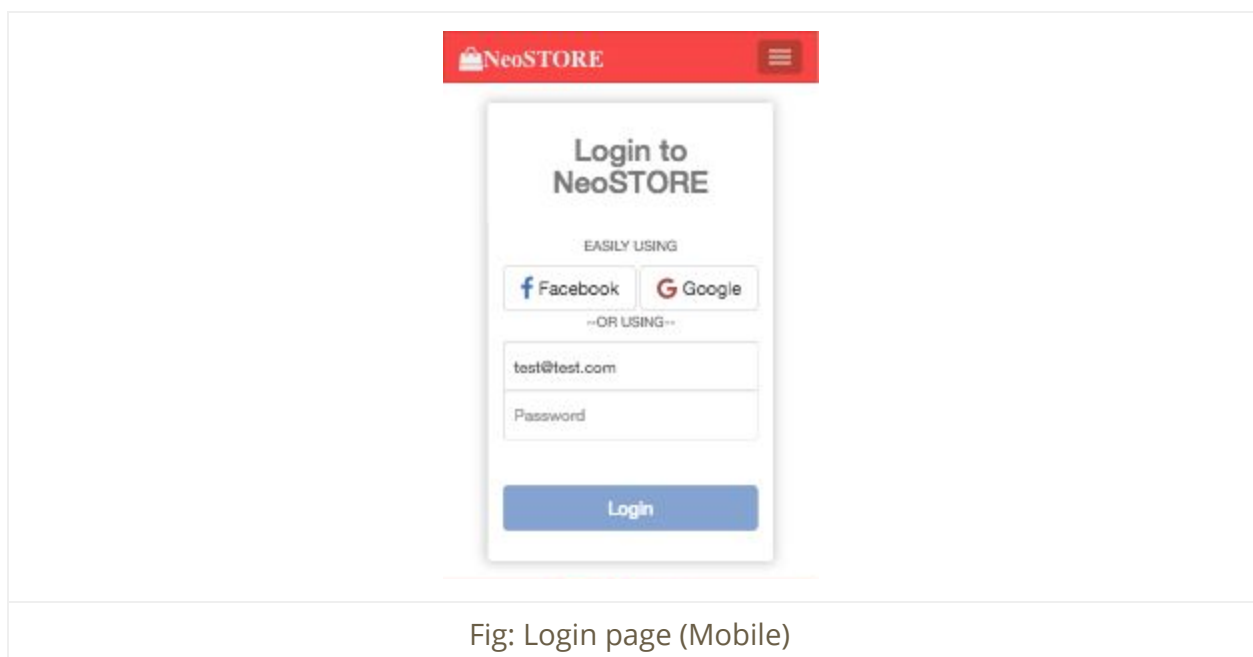
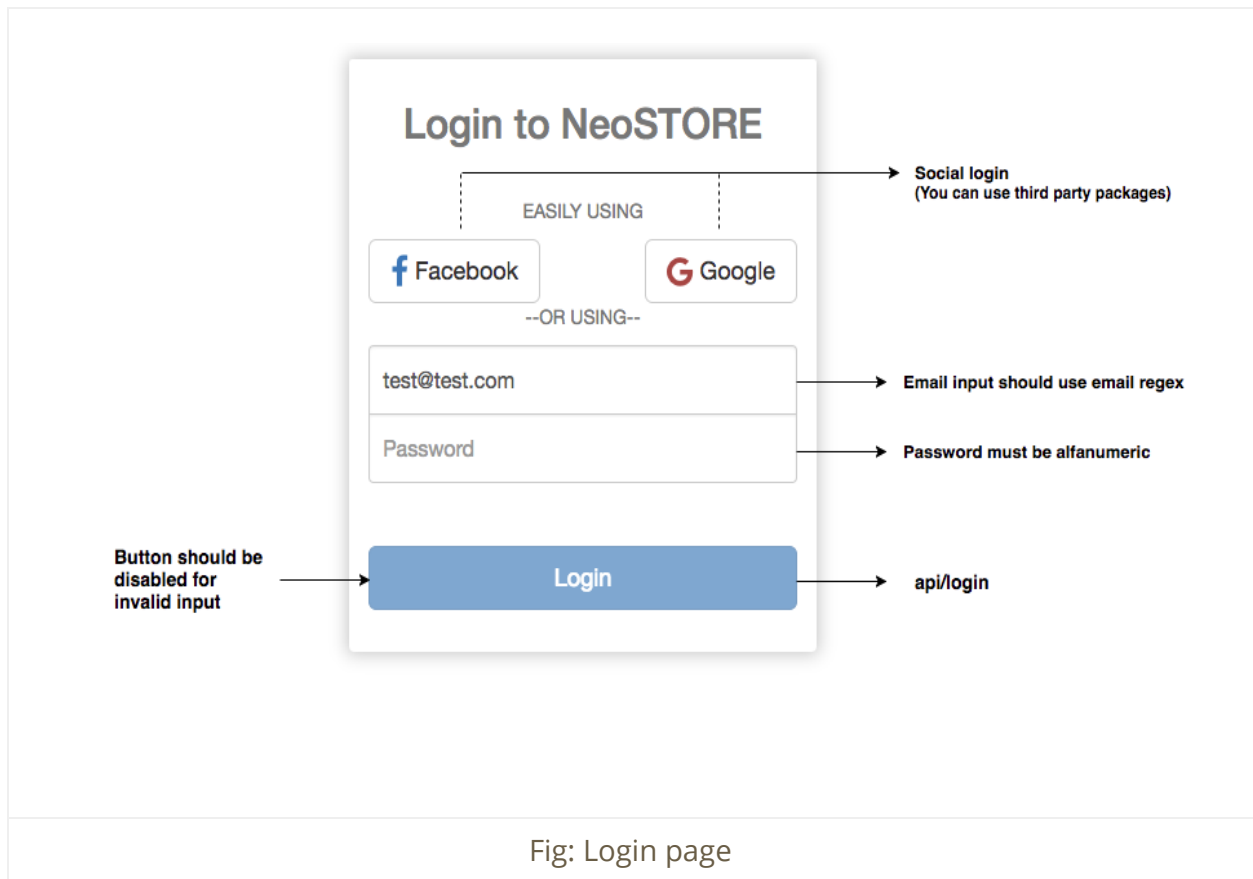


- Footer

Footer is displaying the information about NeoSTORE contact info, Terms & condition and Policies. The subscription for newsletter is not available right now.



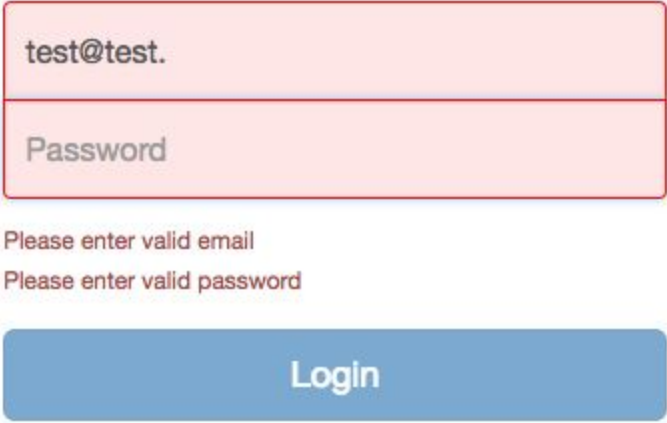
III. Login



The Login page has following features.

- Input fields

There are two input fields email and password as shown in figure. The validation is also done if user enters invalid inputs. The submit button should remain disabled for invalid inputs.



The image shows a login form with two input fields. The first field contains the text 'test@test.' and the second field contains the text 'Password'. Below the first field, there is a red error message that says 'Please enter valid email'. Below the second field, there is a red error message that says 'Please enter valid password'. At the bottom of the form, there is a blue button labeled 'Login'.

Fig: Login Form Validation

- Social login

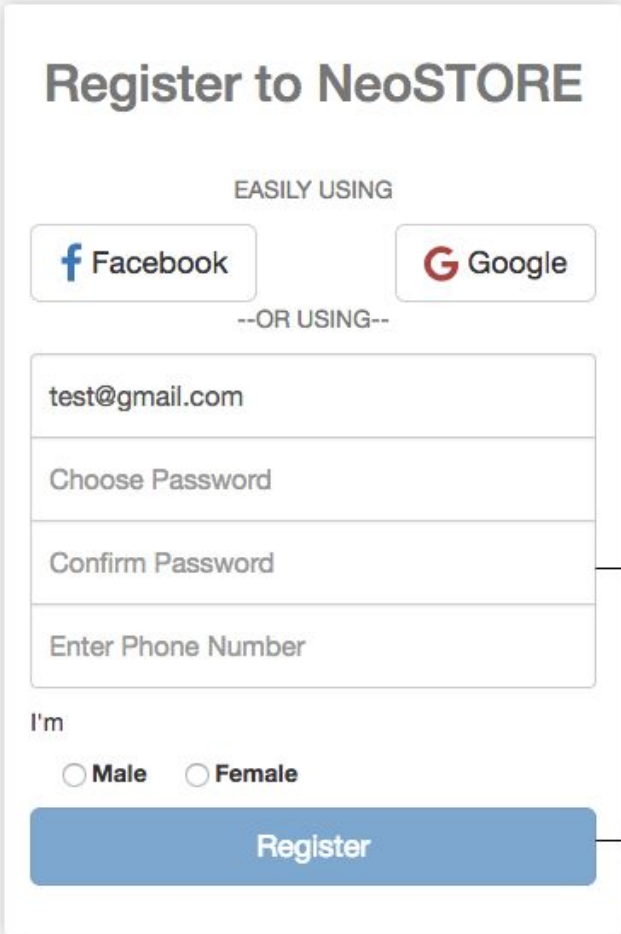
Social login is also implemented for login. There are also 3rd party angular packages for social login e.g [angular2-social-login](#)

- Api to hit

GET `api/user_accounts/login`

IV. Register

The Register page has following features.



The image shows a registration form titled "Register to NeoSTORE". It includes social login options for Facebook and Google, followed by a separator "--OR USING--". The form fields are: Email (containing "test@gmail.com"), Choose Password, Confirm Password, and Enter Phone Number. There are two annotations: one pointing to the Confirm Password field with the text "passwords should match", and another pointing to the Register button with the text "post" and "api/user_accounts". Below the form, the text "I'm" is followed by radio buttons for "Male" and "Female".

Register to NeoSTORE

EASILY USING

f Facebook **G** Google

--OR USING--

test@gmail.com

Choose Password

Confirm Password → passwords should match


Enter Phone Number

I'm

☐ Male ☐ Female

Register → post → api/user_accounts

Fig: Register Page

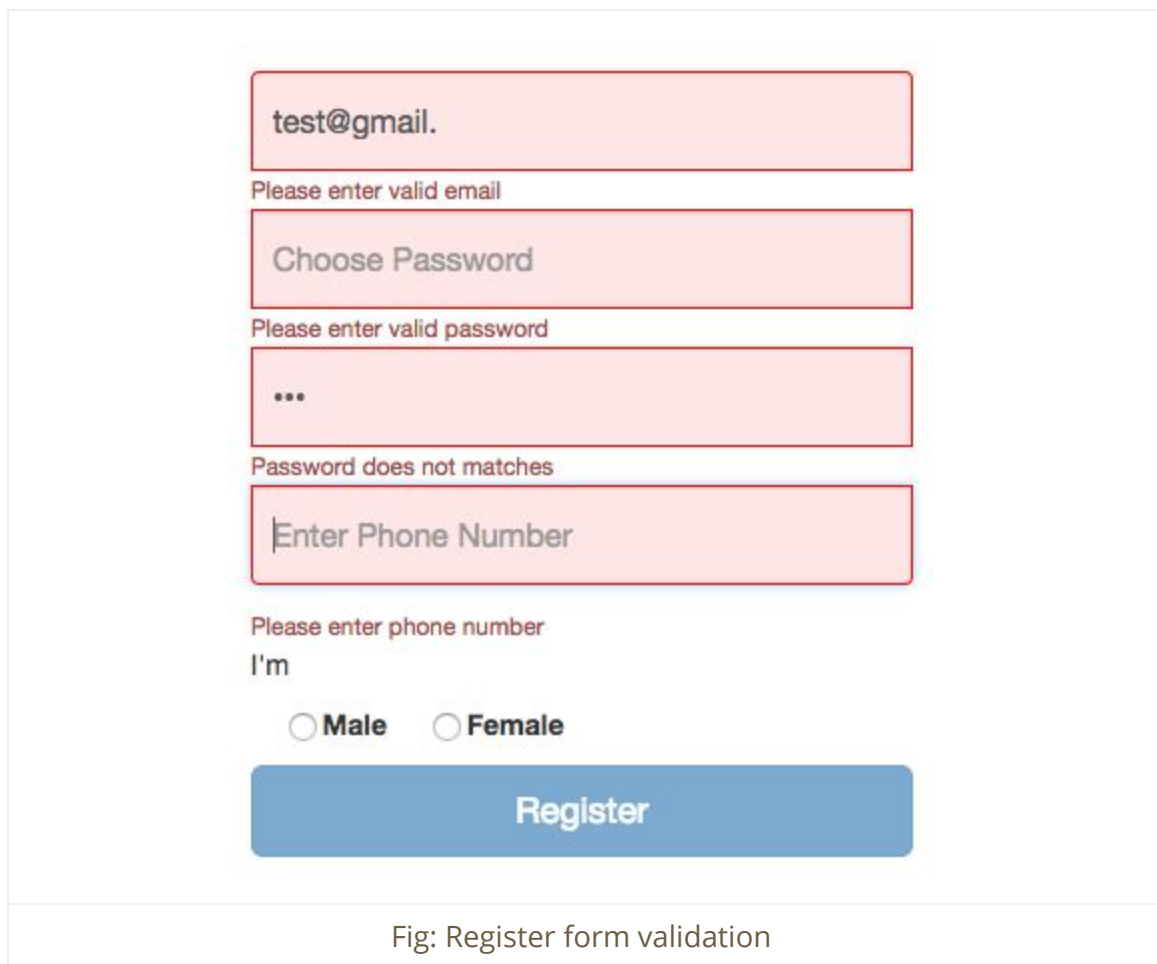


The image shows a mobile registration form for NeoSTORE. At the top, there is a red header with the NeoSTORE logo and a menu icon. The form itself is a white card with a red border. It has a title 'Register to NeoSTORE' and a subtitle 'EASILY USING'. Below this, there are two buttons for social media login: 'Facebook' and 'Google'. A separator line with the text '-OR USING-' follows. Then, there are four input fields: 'Email' (with the placeholder 'test@gmail.com'), 'Choose Password', 'Confirm Password', and 'Enter Phone Number'. Below these fields, there is a section for gender selection with the text 'I'm' and two radio buttons labeled 'Male' and 'Female'. At the bottom of the form is a large blue 'Register' button.

Fig: Register Page (Mobile)

- Input fields

There are four input fields email, password, confirm password, mobile and gender selection as shown in figure. The validation is also done if user enters invalid inputs. The submit button should remain disabled for invalid inputs.



The image shows a registration form with several validation errors highlighted in red. The form fields and their corresponding error messages are:

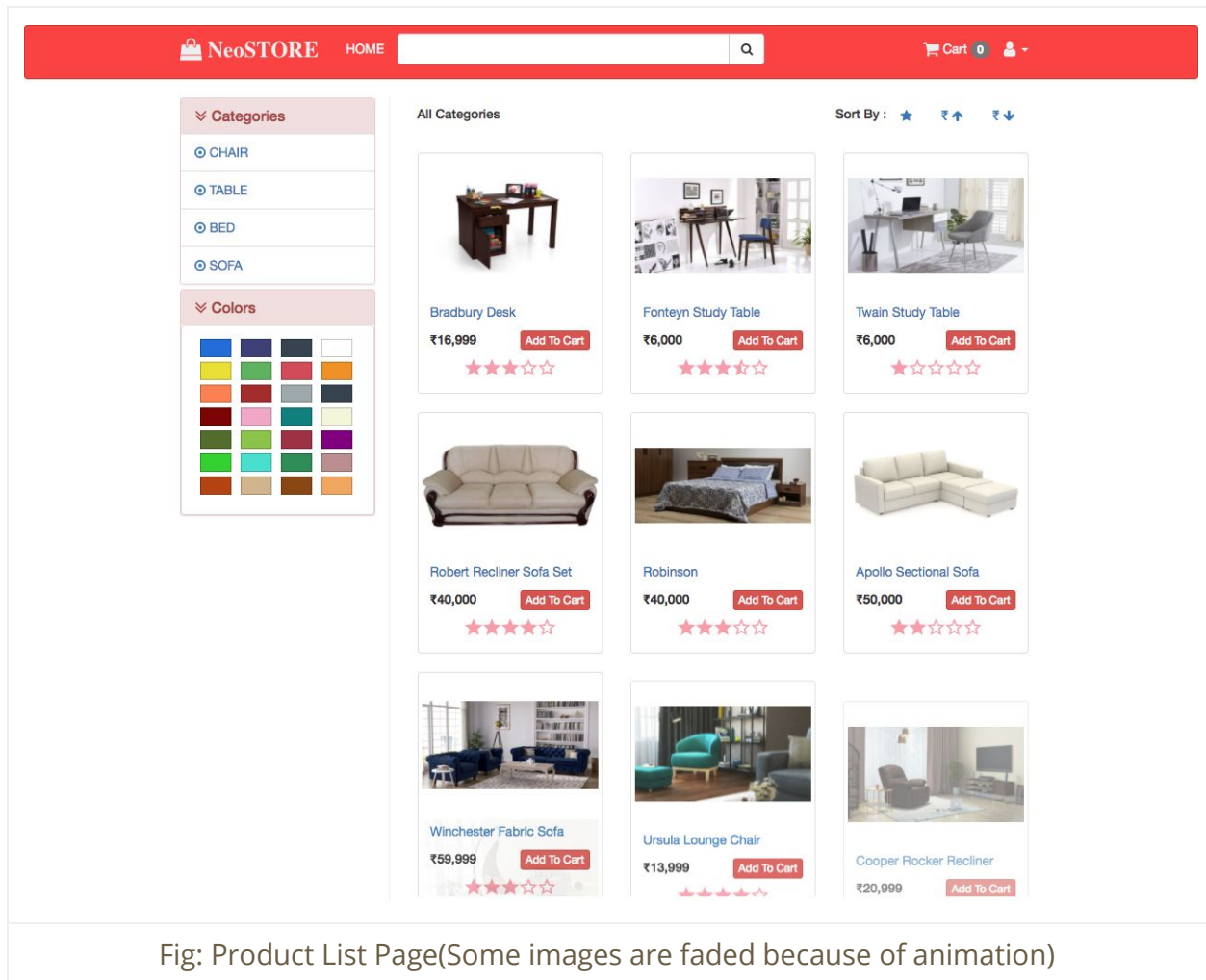
- Email field: Contains "test@gmail.". Error message: "Please enter valid email".
- Password field: Contains "Choose Password". Error message: "Please enter valid password".
- Confirm Password field: Contains "...". Error message: "Password does not matches".
- Phone Number field: Contains "Enter Phone Number". Error message: "Please enter phone number".

Below the phone number field, there is a label "I'm" followed by two radio buttons: "Male" and "Female". At the bottom of the form is a blue "Register" button.

Fig: Register form validation

- Social login
Social login is also implemented for register. There are also 3rd party angular packages for social login e.g [angular2-social-login](#)
- Api to hit
POST `api/user_accounts`

V. Product List



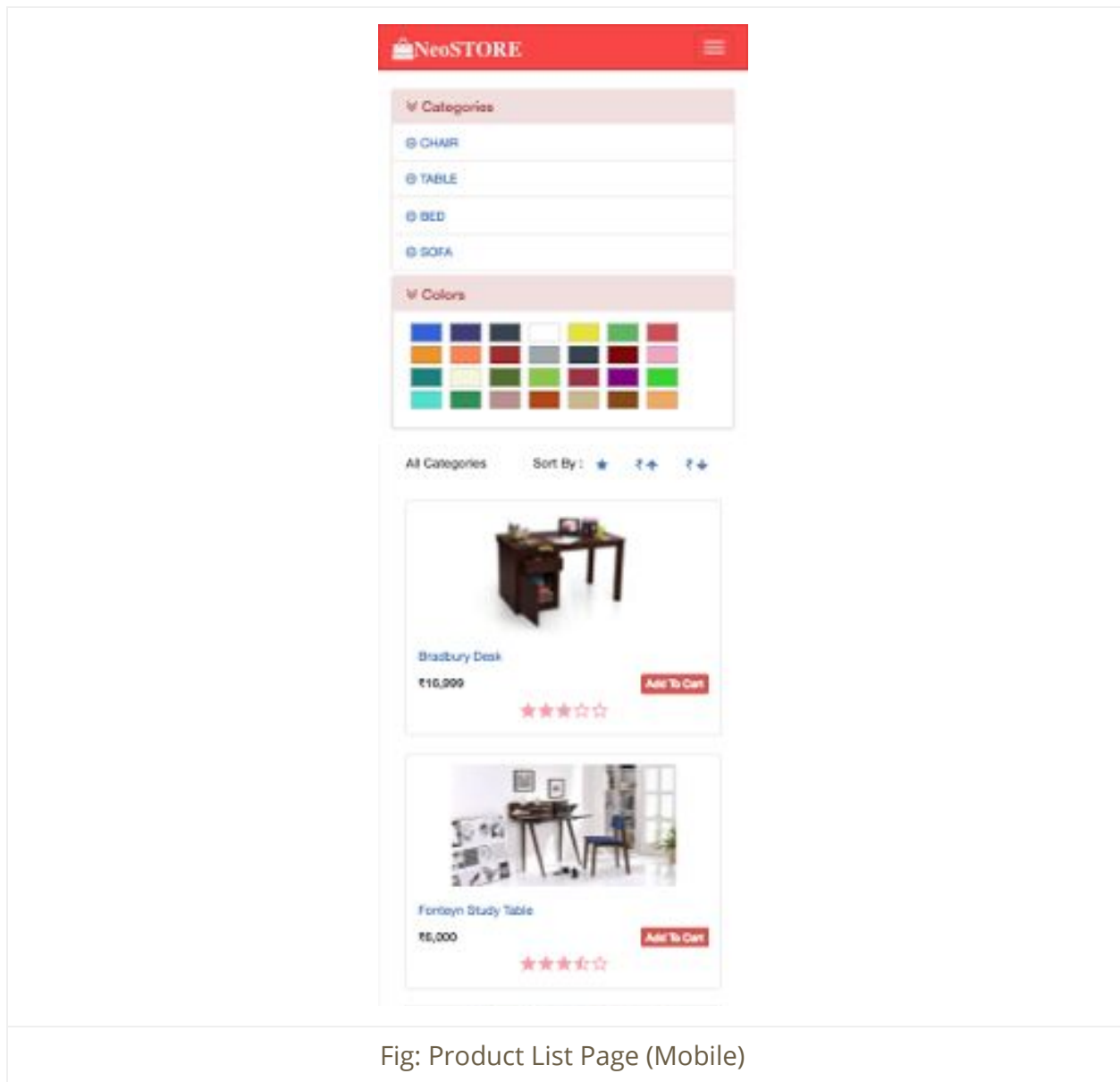


Fig: Product List Page (Mobile)

The Product List page contains following

- Listing of products

Its includes the listing of products according to which api you hit to filter or sorts the products from database. When the product load it will animate entire list. **Angular Animation** is also used on loading of products.

- Product filters

There are right now two filters for product by category and color. If user selected any category or colour or both so the list is reflected accordingly.

- Product sorting

The product can also be sort by the price(High or Low) and rating(High).

- Lazy Loading of Products

Lazy loading is implemented which means when the product list page is load then it will not load all the product from the database it will load the limited product of whatever will be the filter.

E.g if we have 1000 products in sofa category and if we load all of them at once then it will crash both client and server machine so to avoid such problem server limits the number of products to be call at once say 10 then whenever the user scrolls to the end of the product list page then same api will call and next 10 product will appear. This whole process reduces the loads on to the server as well client as a result we will got the more performance.

- API to hit

GET [api/products](#) For getting all products

GET [api/categories](#) For getting all categories

GET [api/colors](#) For getting all colors

VI. Product view

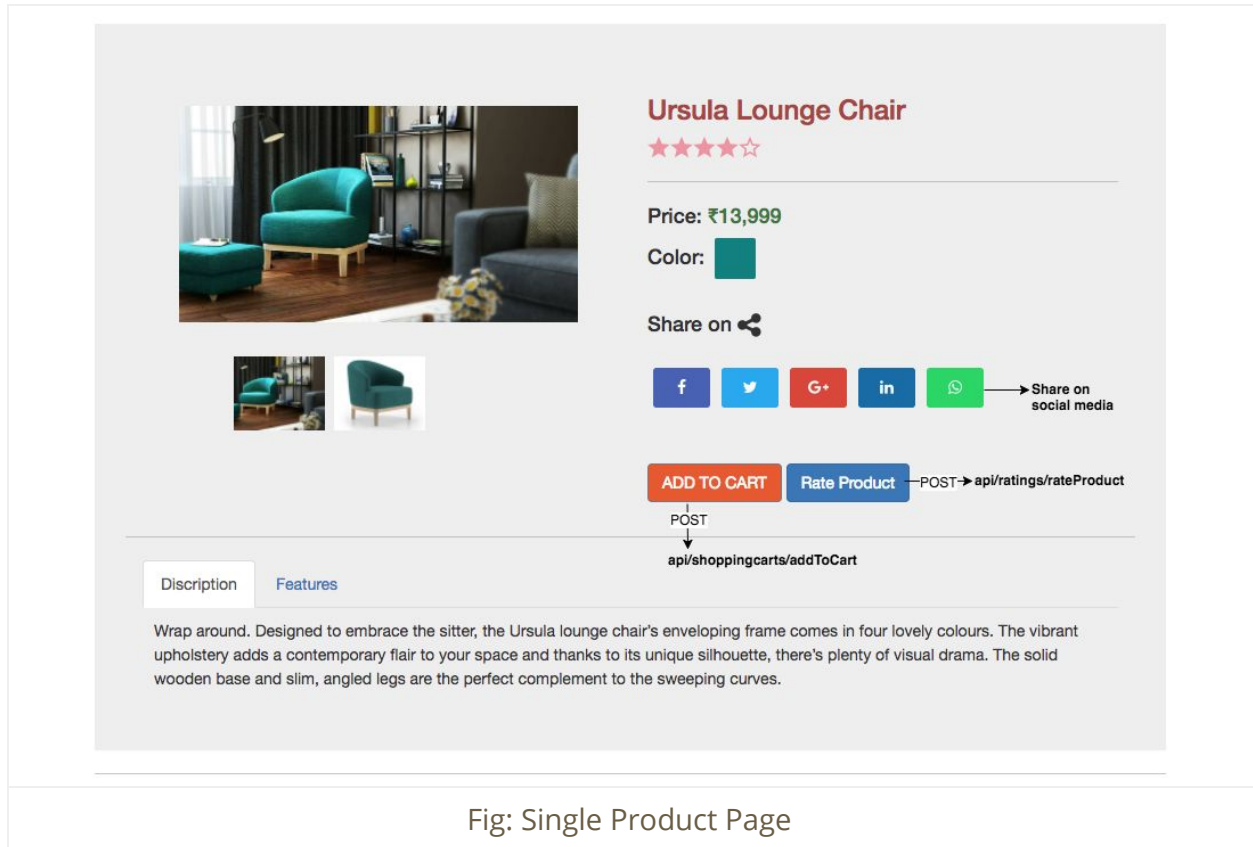


Fig: Single Product Page

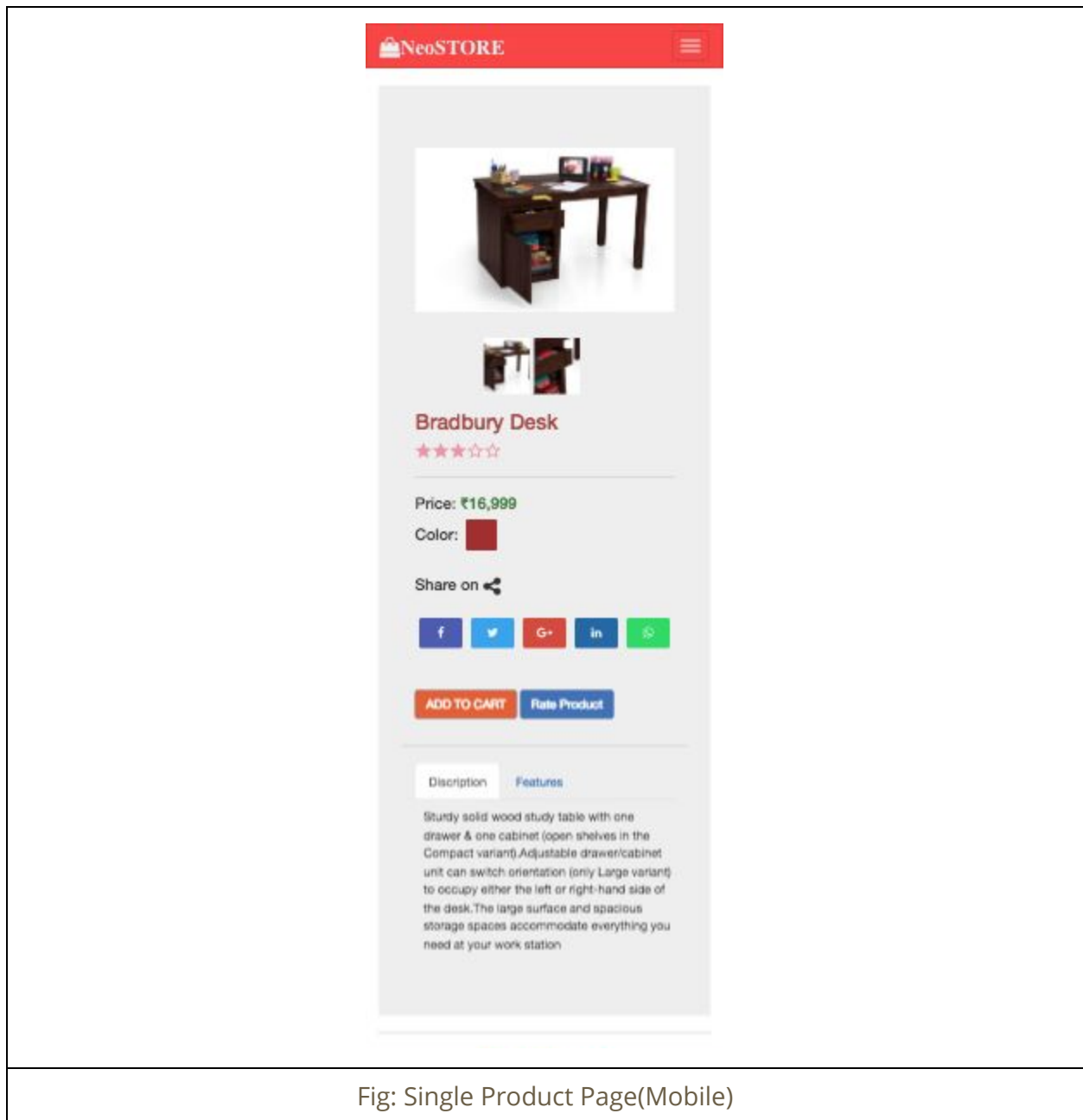


Fig: Single Product Page(Mobile)

- Image zoom

This feature provides user to see small details of product image. It can be achieved by scrolling in or out over the image of the product.

- Rating

User can rate the product from 1 to 5 stars. But only authorized user can only rate the product.



- Social Share

User can also share any particular product on social media by using social share button.



- Product full description

The full description of product will give the deep details of the product like dimensions, manufacturer, material, color etc.

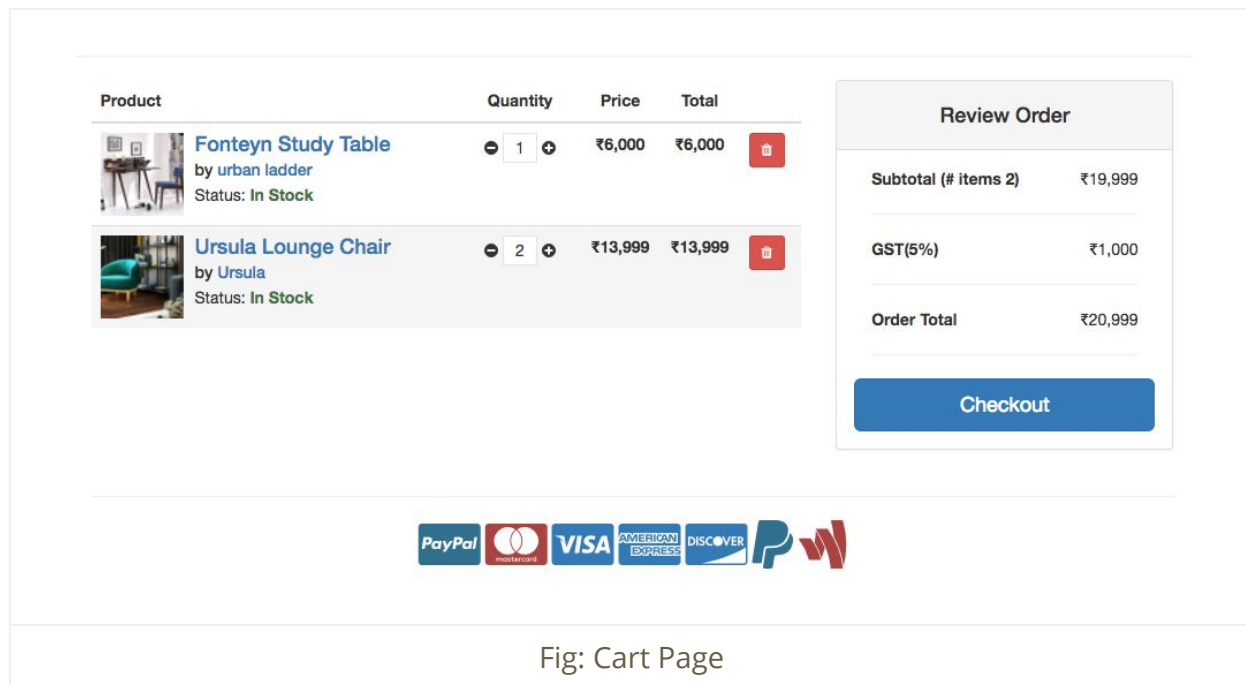
- Api to hit

GET [api/products/product_id](#) For getting product by id where [product_id](#) will be the actual id of the product e.g [api/products/5982fc3eca395d99207e11e7](#)

POST [api/shoppingcarts/addToCart](#) For adding a product into the user cart

POST [api/ratings/rateProduct](#) For rating any product but it requires access token as parameter

VII. Cart



Cart includes following

- Product Listing

In cart there is product list of the product which are added into to cart by user where name, manufacturer and stock availability is shown.

- Product Quantity

Whenever the quantity is increased and decreased by user it will check into server for how much user can have quantity of the particular product . We have managed here for both logged in and without logged in user. Whenever user changes quantity the **PATCH** api will hit of cart items to update quantity.

- Delete Product

Simply it will hit delete api to delete the products

- Checkout

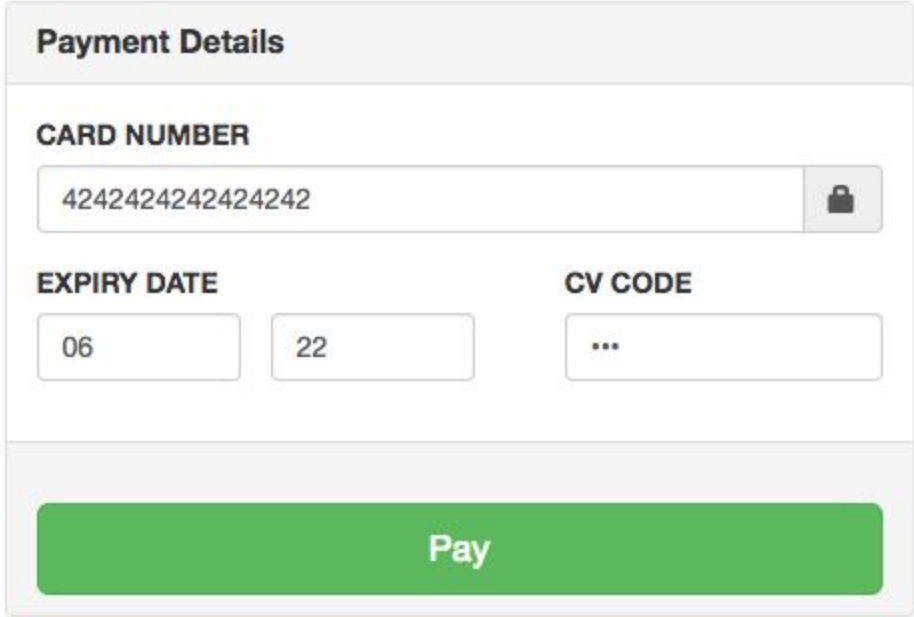
After all set the checkout button will redirect user to select delivery address and after that finally payment page. Checkout button has the **guard** for unauthorized user or if user is not logged in it will redirect user to login page.

- Api to hit

PATCH `api/shoppingcarts/cartItem_id` For updating quantity of product where `cartItem_id` will be the actual id of the cart item id e.g
`api/shoppingcarts/5982fc3eca395d99207e11e7`

DELETE `api/shoppingcarts/cartItem_id` For deleting product from cart where `cartItem_id` will be the actual id of the cart item id e.g
`api/shoppingcarts/5982fc3eca395d99207e11e7`

VIII. Payment



The image shows a payment form titled "Payment Details". It contains the following fields:

- CARD NUMBER**: A text input field containing "4242424242424242" and a lock icon on the right.
- EXPIRY DATE**: Two text input fields, the first containing "06" and the second containing "22".
- CV CODE**: A text input field containing "...".
- Pay**: A large green button with the text "Pay" in white.

Fig : Payment page

When user hit checkout button it will redirect user to select delivery address page and after that finally payment page.

- Stripe Payment

For secure payment [Stripe Payment Gateway](#) is used. Its provides lots of functionalities like easy management, testing and secure payments.

- Api to hit


POST [api/orders/order](#) For payment

IX. User




User have the following components

- Profile
 - Api to hit
 - PATCH `api/user_accounts/user_id` For edit profile
 - POST `api/images/upload` For upload image

My Account



Test User

-  Orders
-  Profile
-  Address

Profile

First Name	Test
Last Name	User
Gender	male
Date of Birth	Mon Jul 24 2017
Mobile Number	+1234567890
Email	test@test.com

Edit

Fig: User Profile

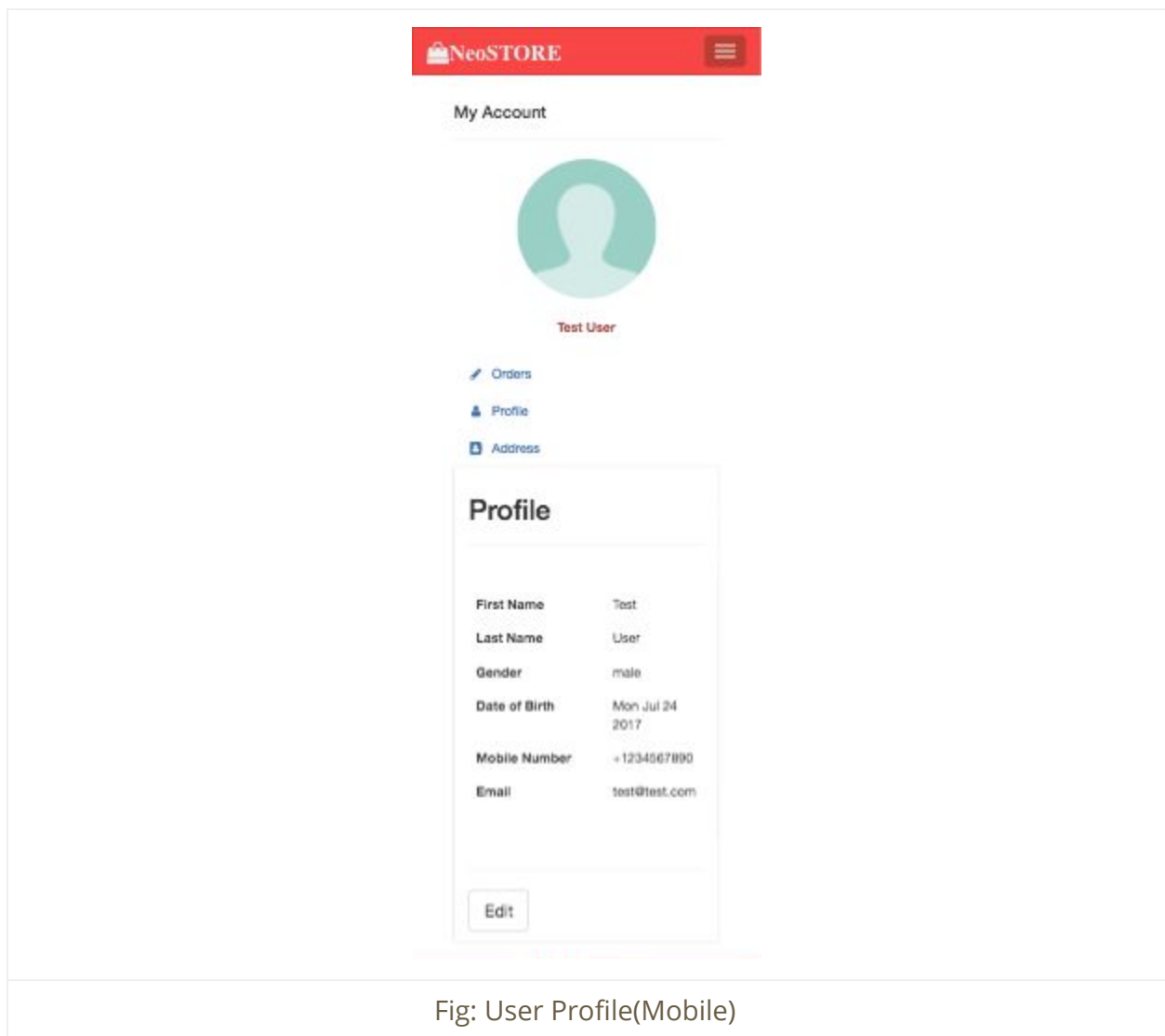


Fig: User Profile(Mobile)

- Addresses

The getting address from the **current location** is also implemented when user adding or updating the address then user can populate the current into the fields/

- Api to hit

POST `api/addresses/AddAddress` For add address

PATCH `api/addresses/address_id` For edit address

GET `api/addresses/getAddressbyUserId/user_id` For get all addresses of user

GET `api/addresses/address_id` For get single address

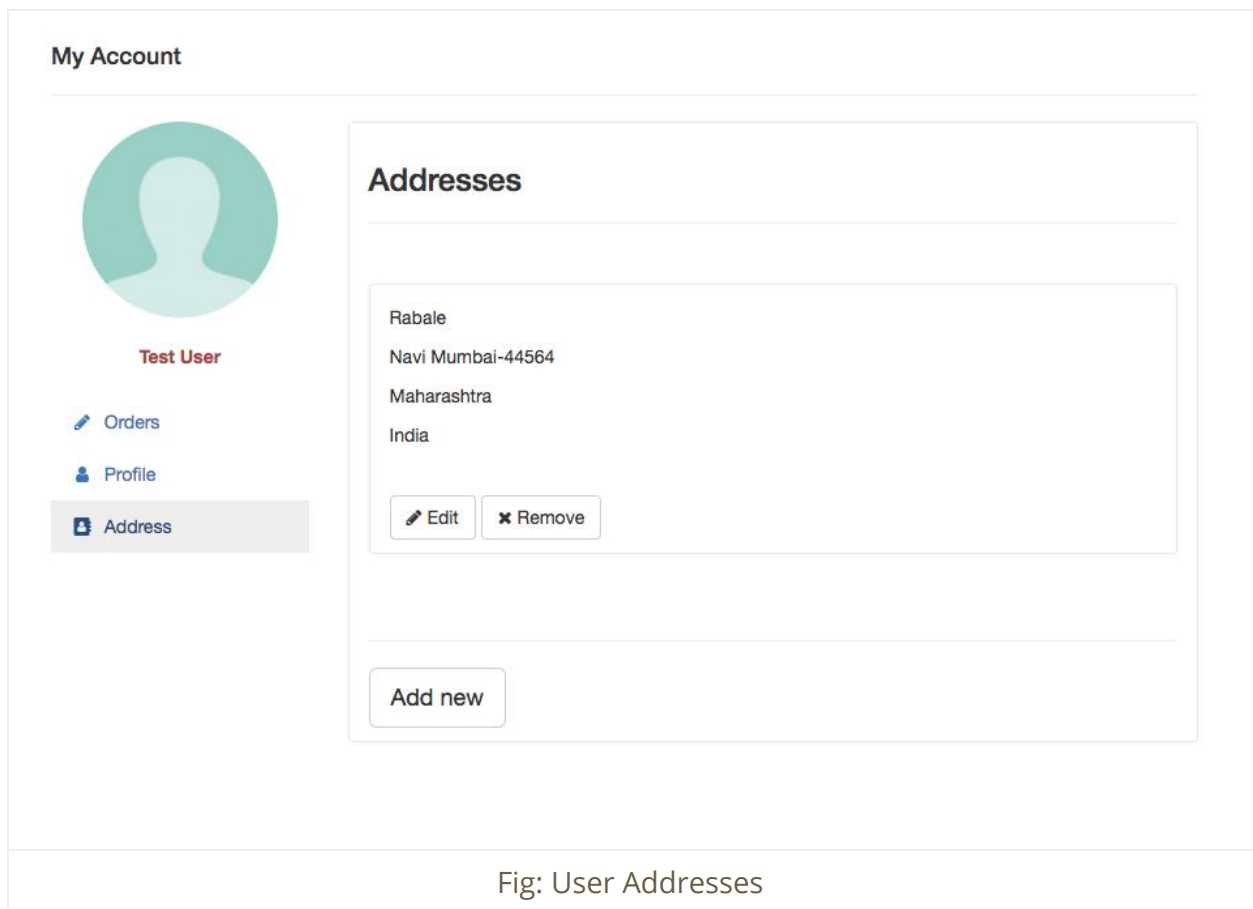


Fig: User Addresses

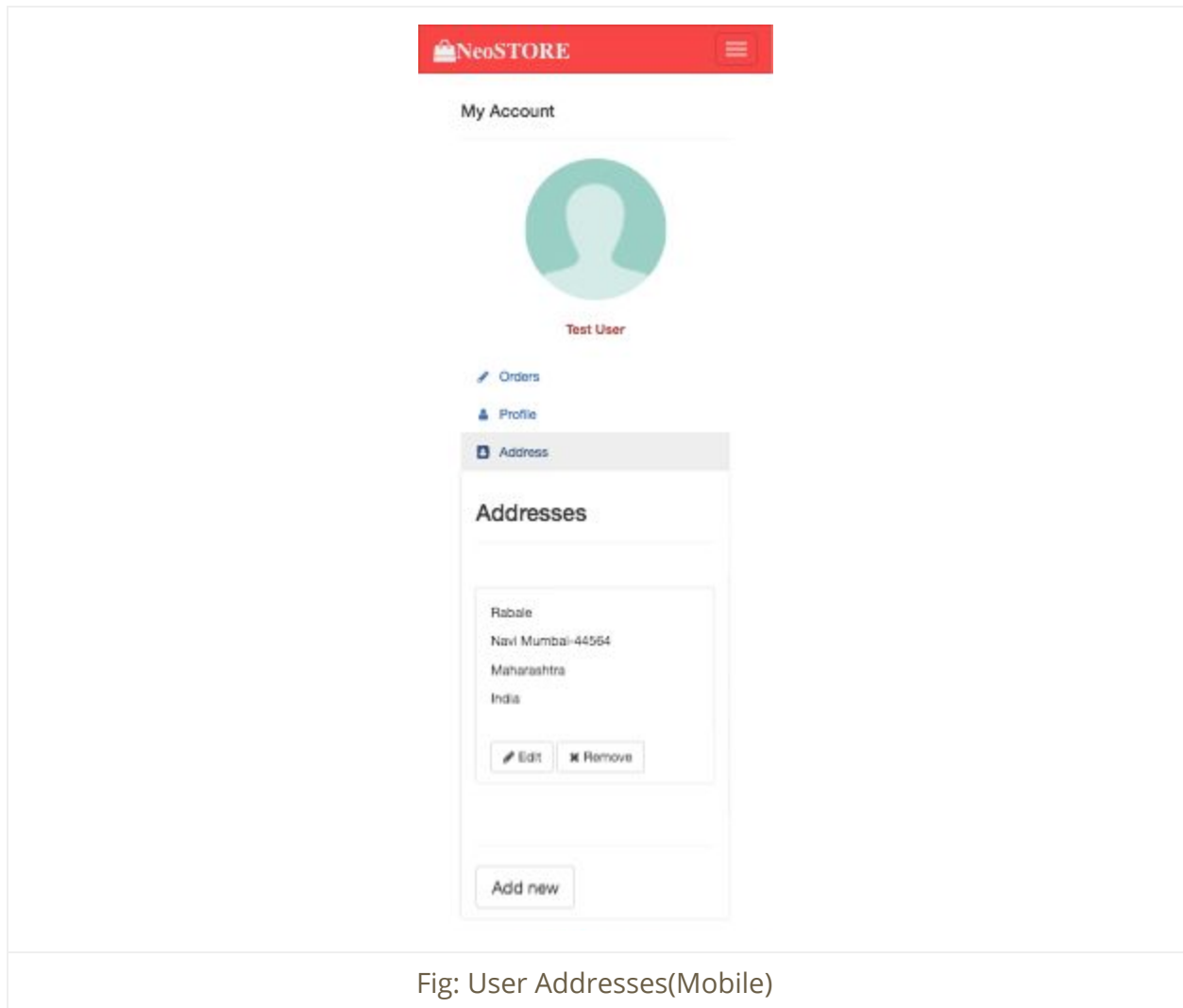



Fig: User Addresses(Mobile)

- Orders

- Api to hit

PATCH [api/orders/allorderofuser](#) For getting all orders of user




My Account



Test User

- Orders
- Profile
- Address

TRANSIT Order No: 59ba85a64db023b5c01f3ed3
Placed on Thu Sep 14 2017 / ₹62,000



[Download invoice as PDF](#)


No orders yet



Fig: User Orders

X. Information pages

It contains the information pages of websites as following

- Terms & Conditions


[HOME](#)

 Cart 0
 

Introduction

These terms and conditions apply between you, the User of this Website (including any sub-domains, unless expressly excluded by their own terms and conditions), and NeoStore, the owner and operator of this Website. Please read these terms and conditions carefully, as they affect your legal rights. Your agreement to comply with and be bound by these terms and conditions is deemed to occur upon your first use of the Website. If you do not agree to be bound by these terms and conditions, you should stop using the Website immediately.

In these terms and conditions, User or Users means any third party that accesses the Website and is not either (i) employed by NeoStore and acting in the course of their employment or (ii) engaged as a consultant or otherwise providing services to NeoStore and accessing the Website in connection with the provision of such services.

You must be at least 18 years of age to use this Website. By using the Website and agreeing to these terms and conditions, you represent and warrant that you are at least 18 years of age.

Intellectual property and acceptable use

- All Content included on the Website, unless uploaded by Users, or amended versions of Users Upload uploaded by NeoStore As a part of the Service delivery to User, is the property of NeoStore, our affiliates or other relevant third parties. In these terms and conditions, Content means any text, graphics, images, audio, video, software, data compilations, page layout, underlying code and software and any other form of information capable of being stored in a computer that appears on or forms part of this Website, including any such content uploaded by Users. By continuing to use the Website you acknowledge that such Content is protected by copyright, trademarks, database rights and other intellectual property rights. Nothing on this site shall be construed as granting, by implication, estoppel, or otherwise, any license or right to use any trademark, logo or service mark displayed on the site without the owner's prior written permission
- You may, for your own personal, non-commercial use only, do the following:
 - retrieve, display and view the Content on a computer screen
 - download and store the Content in electronic form on a disk (but not on any server or other storage device connected to a network)
 - print one copy of the Content
- You must not otherwise reproduce, modify, copy, distribute or use for commercial purposes any Content without the written permission of NeoStore.
- You acknowledge that you are responsible for any Content you may submit via the Website, including the legality, reliability, appropriateness, originality and copyright of any such Content. You may not upload to, distribute or otherwise publish through the Website any Content that (i), false, fraudulent, libellous, defamatory, obscene, threatening, invasive of privacy or publicity rights, infringing on intellectual property rights, abusive, illegal or otherwise objectionable; (ii) may constitute or encourage a criminal offence, violate the rights of any party or otherwise give rise to liability or violate any law; or (iii) may contain software viruses, chain letters, mass mailings, or any form of "spam." You may not use a false email address or other identifying information, impersonate any person or entity or otherwise mislead as to the origin of any content.
- You represent and warrant that you own or otherwise control all the rights to the Content you post; that the Content is accurate; that use of the Content you supply does not violate any provision of these terms and conditions and will not cause injury to any person; and that you will indemnify NeoStore for all claims resulting from Content you supply.

Prohibited use

- You may not use the Website for any of the following purposes:
 - in any way which causes, or may cause, damage to the Website or interferes with any other person's use or enjoyment of the Website;
 - in any way which is harmful, unlawful, illegal, abusive, harassing, threatening or otherwise objectionable or in breach of any applicable law, regulation, governmental order;
 - making, transmitting or storing electronic copies of Content protected by copyright without the permission of the owner.

About Company

NeoSOFT Technologies is here at your quick and easy service for shopping .

Contact Information

Email: contact@neosofttech.com

Phone: +91 0000000000

MUMBAI, INDIA

Information

[Terms & Conditions](#)
[Guarantee & Return Policy](#)
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Newsletter



Sign up to get exclusive offers from our favorite brands and to be well up in the news.

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Fig: Terms & Conditions

● Guarantee & Return Policy


[HOME](#)

 Cart **0**


Returns Policy

Returns is a scheme provided by respective sellers directly under this policy in terms of which the option of replacement and/ or refund is offered by the respective sellers to you. All products listed under a particular category may not have the same returns policy. Kindly check the respective item's applicable return policy on the product page for any exceptions to the table below.

Category	Period	Conditions
Lifestyle: Clothing (excluding Lingerie, Innerwear, Socks and Freebies), Footwear, Eyewear, Fashion Accessories	30 days	You may request for a refund /replacement within 30 days of delivery, as long as it is unworn, unwashed, without stains, undamaged and with all original tags & packaging intact.
Lifestyle: Lingerie (top-wear), Sport & Fitness Equipment, Watches, Baby Care, Precious & Non-Precious Jewellery, Footwear Accessories, Travel Accessories Home: Home Decor, Home Furnishing, Home Improvement Tools, Household Items and Pet Supply; Automotive: Auto Accessories, Bike Accessories, Car Accessories, Car and Bike Breakdown Equipment, Car and Bike Care, Car and Bike Lighting, Car and Bike Styling, Car AV Electronics and Accessories, Helmets and Riding Gear, Spare and Performance Parts, Tyres and Alloys Books & More: Books, Music Instruments, Office Supply, School Supply and Toys	10 days	You may request for a refund / replacement within 10 days of delivery, For Lingerie (top-wear), it should be unworn, unwashed, without stains, undamaged and with all original tags & packaging intact.
Electronics: Tablets (except Apple), Laptops (except Apple), Cameras, Consumer Electronics, Entertainment Small, Gaming Hardware, Small Home Appliances, Personal Care Appliances, Personal Care, Health Care Appliances, Small Appliances, Computer Accessories, Mobile Accessories, Camera Accessories, Other Accessories, Computer Peripherals, Smart Home Appliances, Office Equipment, Game and Smart Wearables (except Apple) Home: Furniture	10 days	You may request for a replacement within 10 days of delivery/ installation (as applicable). In certain cases where the seller is unable to process a replacement, the seller will offer a refund to you. We will help you troubleshoot any issues you may have, either through online tools, over the phone, and/or through an in-person technical visit. In the case of tablets, you may also be required to install an application to aid with troubleshooting. For products where installation is provided by Flipkart's service partners, please do not open the product packaging by yourself. Flipkart authorised personnel shall help in unboxing and installation of the product. In this case, the replacement period commences from the date of installation. For Furniture, any product related issues will be checked by an authorised service personnel (free of cost) and attempted to be resolved by replacing the faulty/ defective part of the product. Full replacement will be provided only in cases where the service personnel opines that replacing the faulty/ defective part will not resolve the issue.
Electronics: Mobiles (except Apple, Google) Large Appliances: Air Conditioners, Chimneys, Water Geysers, Microwave Ovens, Televisions, Refrigerators, Dishwashers, Washing Machines, Dryers and OTG	10 days	You may request for a replacement within 10 days of delivery/installation (as applicable). In certain cases where the seller is unable to process a replacement, the seller will offer a refund to you. Assistance shall be provided to troubleshoot any issues that you may face, either through online tools, over the phone, and/or through an in-person technical visit. In the case of smartphones, you may also be required to install an application on the mobile to aid with troubleshooting. If a defect is determined within the 10-day period following delivery/installation, a replacement of the same model will be provided at no additional cost. If no defect is confirmed, the issue is not diagnosed within 10 days of delivery, a troubleshooting step cannot be performed, or if one replacement has already been provided, you will be directed to a brand service centre to resolve any subsequent issues.

About Company

NeoSOFT Technologies is here at your quick and easy service for shopping .

Contact Information

Email: contact@neosofttech.com

Phone: +91 0000000000

MUMBAI, INDIA

Information

[Terms & Conditions](#)

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Newsletter

Sign up to get exclusive offers from our favorite brands and to be well up in the news.

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Fig: Guarantee & Return Policy

- Contact us

NeoSTORE HOME

Cart 0

Contact Form

Name

Email

Mobile Number

Subject

Message

About Company
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Contact Information
Email: contact@neosofttech.com
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Newsletter
Sign up to get exclusive offers from our favorite brands and to be well up in the news.

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Fig: Contact us

● Privacy Policy


[HOME](#)

 Cart **0**


Privacy Policy

We value the trust you place in us. That's why we insist upon the highest standards for secure transactions and customer information privacy. Please read the following statement to learn about our information gathering and dissemination practices.

- Collection of Personally Identifiable Information and other Information**
 When you use our Website, we collect and store your personal information which is provided by you from time to time. Our primary goal in doing so is to provide you a safe, efficient, smooth and customized experience. This allows us to provide services and features that most likely meet your needs, and to customize our Website to make your experience safer and easier. More importantly, while doing so we collect personal information from you that we consider necessary for achieving this purpose.
- Use of Demographic / Profile Data / Your Information**
 We use personal information to provide the services you request. To the extent we use your personal information to market to you, we will provide you the ability to opt-out of such uses. We use your personal information to resolve disputes; troubleshoot problems; help promote a safe service; collect money; measure consumer interest in our products and services, inform you about online and offline offers, products, services, and updates; customize your experience; detect and protect us against error, fraud and other criminal activity; enforce our terms and conditions; and as otherwise described to you at the time of collection.
- Sharing of personal information**
 We may share personal information with our other corporate entities and affiliates. These entities and affiliates may market to you as a result of such sharing unless you explicitly opt-out.
- Links to Other Sites**
 Our Website links to other websites that may collect personally identifiable information about you. NeoStore is not responsible for the privacy practices or the content of those linked websites.
- Security Precautions**
 Our Website has stringent security measures in place to protect the loss, misuse, and alteration of the information under our control. Whenever you change or access your account information, we offer the use of a secure server. Once your information is in our possession we adhere to strict security guidelines, protecting it against unauthorized access.
- Choice/Opt-Out**
 We provide all users with the opportunity to opt-out of receiving non-essential (promotional, marketing-related) communications from us on behalf of our partners, and from us in general, after setting up an account.
- Advertisements on NeoStore**
 We use third-party advertising companies to serve ads when you visit our Website. These companies may use information (not including your name, address, email address, or telephone number) about your visits to this and other websites in order to provide advertisements about goods and services of interest to you.
- Your Consent**
 By using the Website and/ or by providing your information, you consent to the collection and use of the information you disclose on the Website in accordance with this Privacy Policy, including but not limited to Your consent for sharing your information as per this privacy policy.

About Company
 NeoSOFT Technologies is here at your quick and easy service for shopping .
 Contact Information
 Email: contact@neosofttech.com
 Phone: +91 0000000000
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Fig: Privacy Policy

- Locate Us

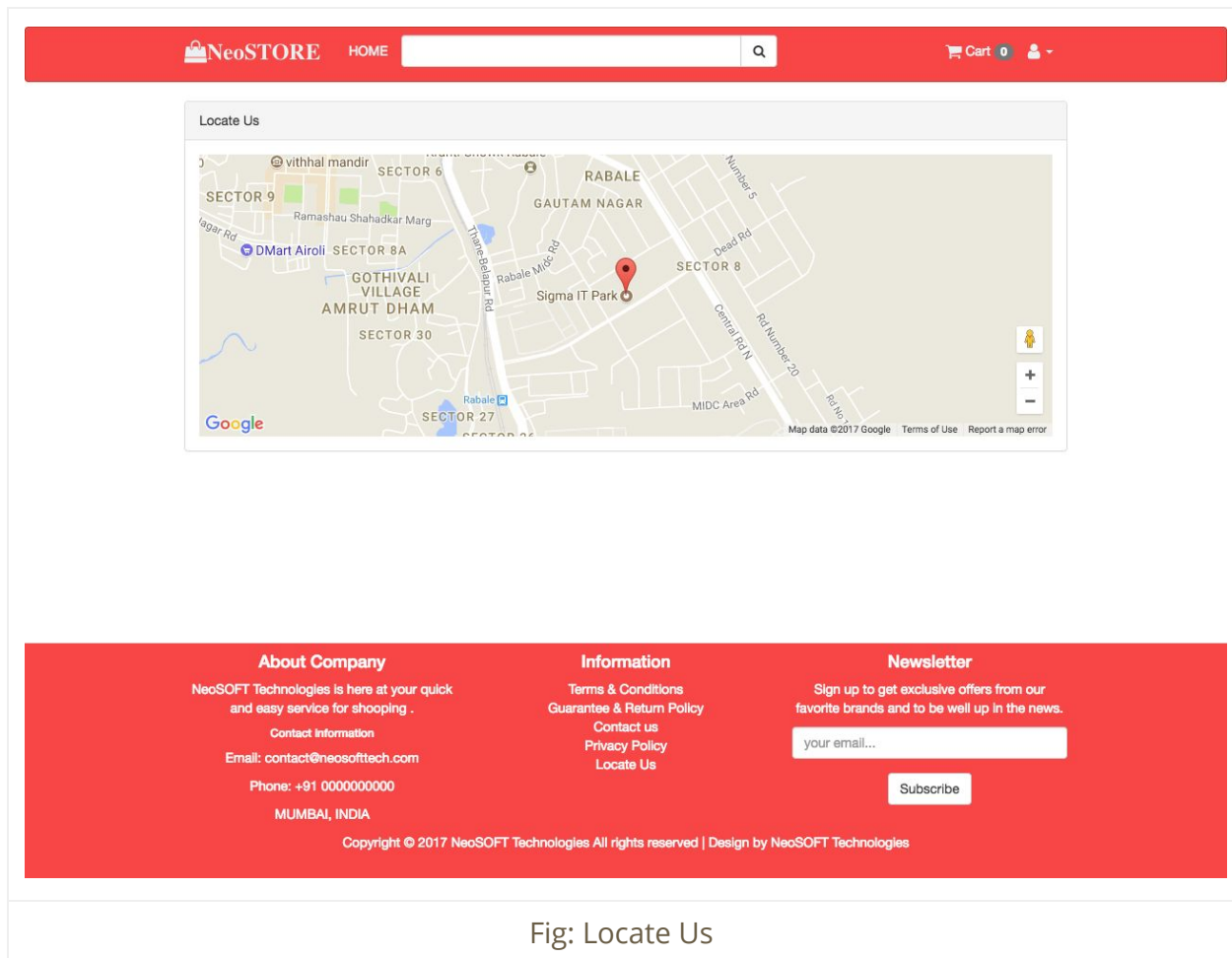


Fig: Locate Us

XI. Template

The zip of the website template is available [here](#)

XII. Packages used for Angular 2 Project

- [ngx-bootstrap](#)

ngx-bootstrap contains all core (and not only) Bootstrap components powered by Angular. So you don't need to include original JS components, but we are using markup and css provided by Bootstrap. Its official documentation is [here](#)

- [angular2-infinite-scroll](#)

Angular infinite scroll provides lots of functionality of scrolling like you can set any function listener on scroll up, scroll down, how much scroll etc.

It is well explained in its docs on npm.

- [angular-star-rating](#)

It is based on best practice UX/UI methods, accessibility in mind and an eye for details. In love with reactive forms, the component is easy to control over the keyboard. It is a perfect fit for all angular projects with STARS.

- [angular2-social-login](#)

Simple client side social authentication for Angular2 application.

- [ng2-sharebuttons](#)

Simple, lightweight, customizable share buttons with counts.

- [angular2-image-zoom](#)

It provides the scroll zoom in or out effects on images.

- [ng2-toastr](#)

One of the best package for displaying the toast messages in Angular 2.

- [jspdf](#)

Probably the best library to generate PDF files in client side. Very easy to understand and write codes using jsPDF.