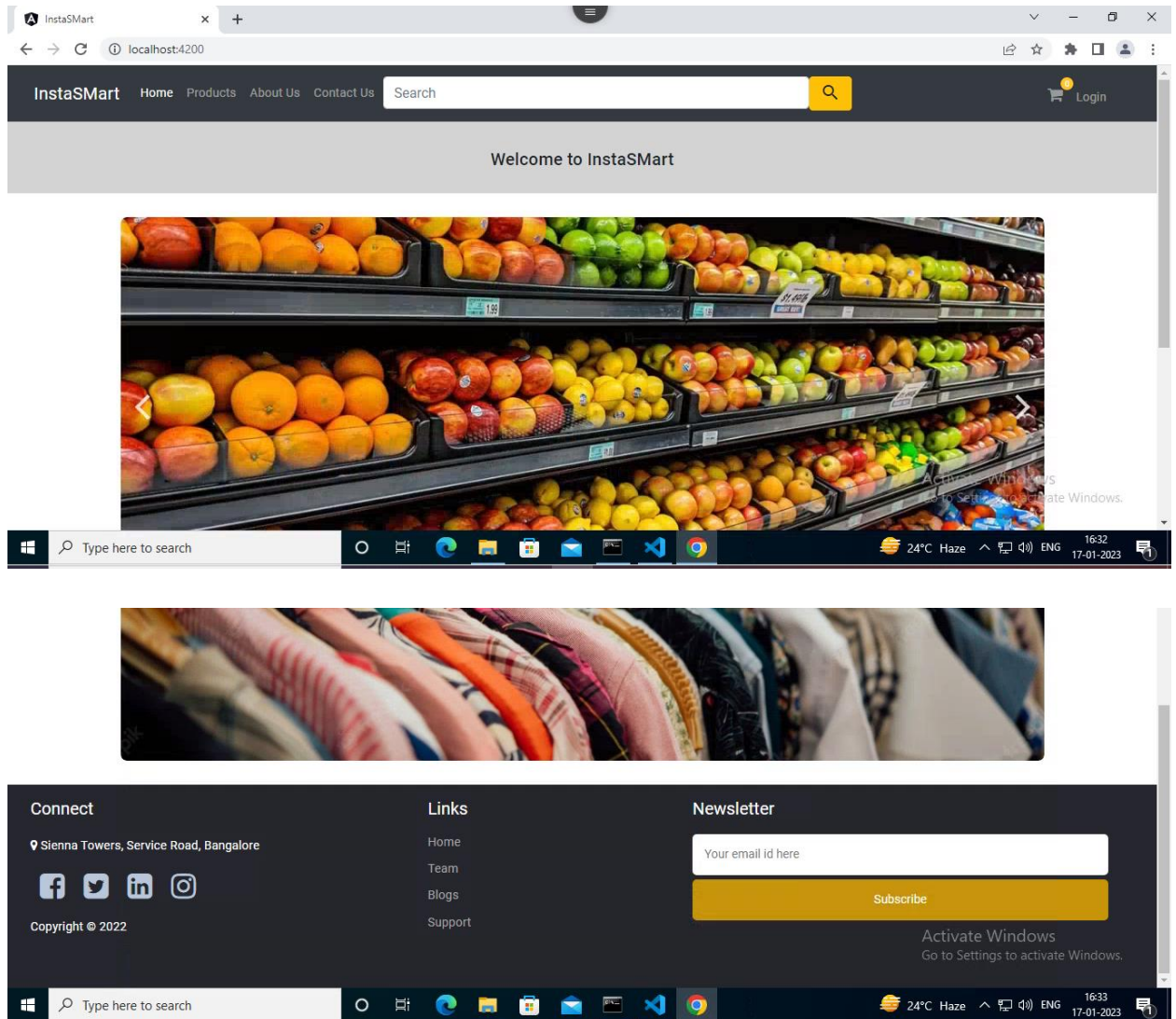


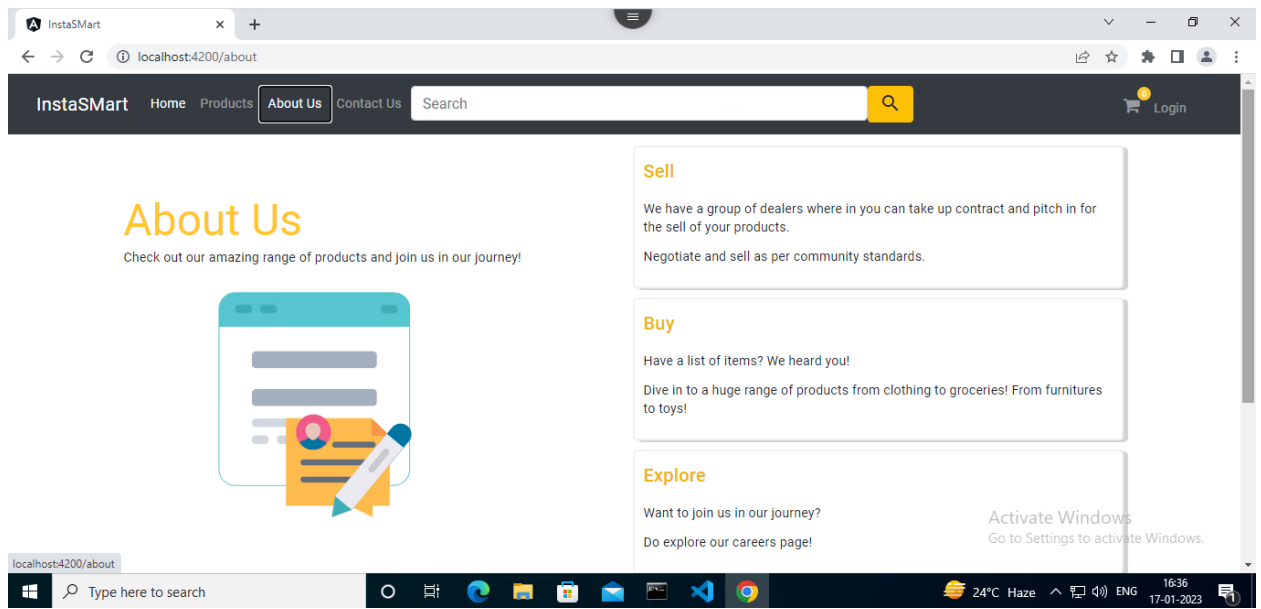
# Screenshots of InstaSmart Case Study:

By: Eram Naaz

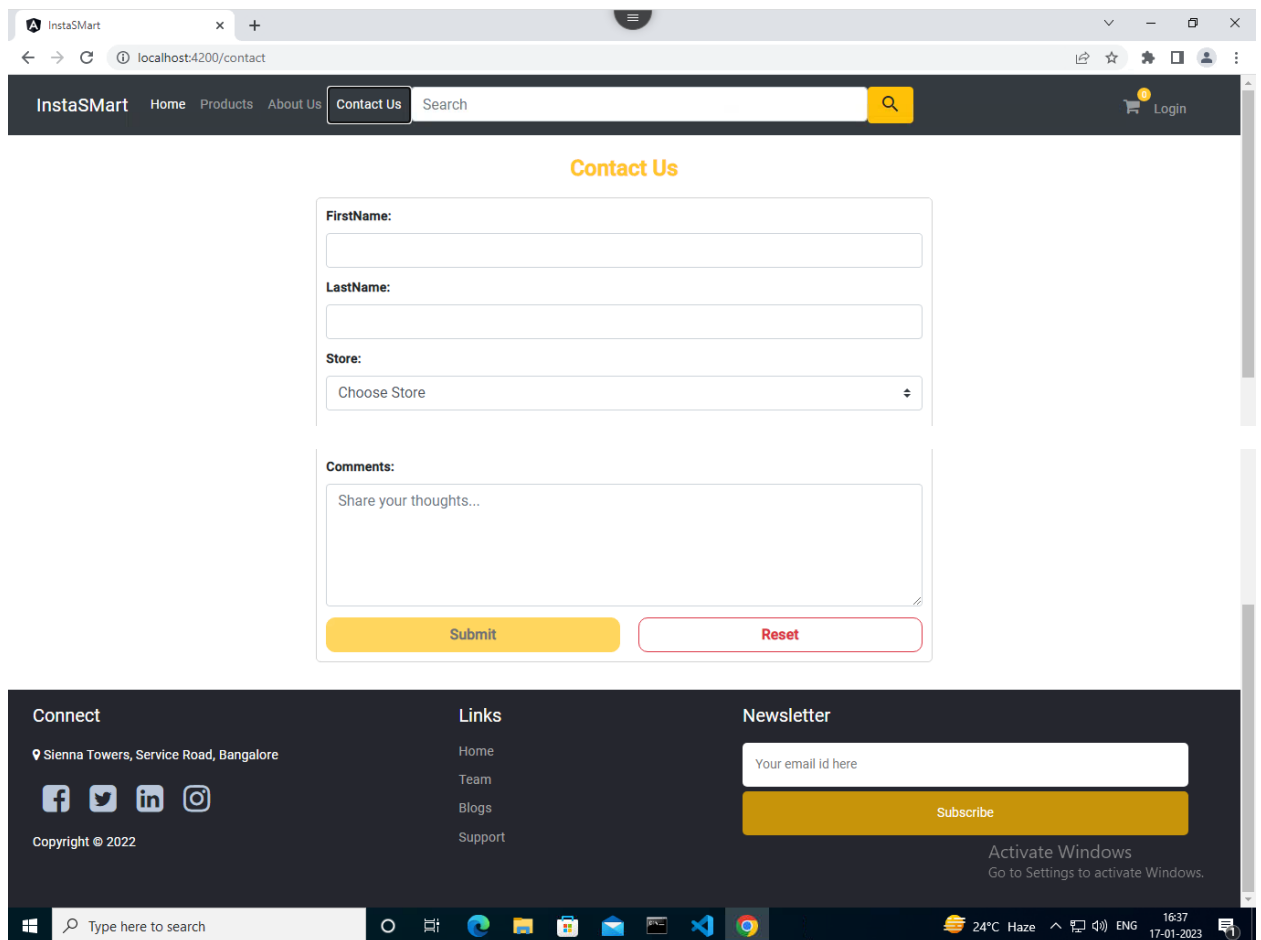
## 1. Home Page



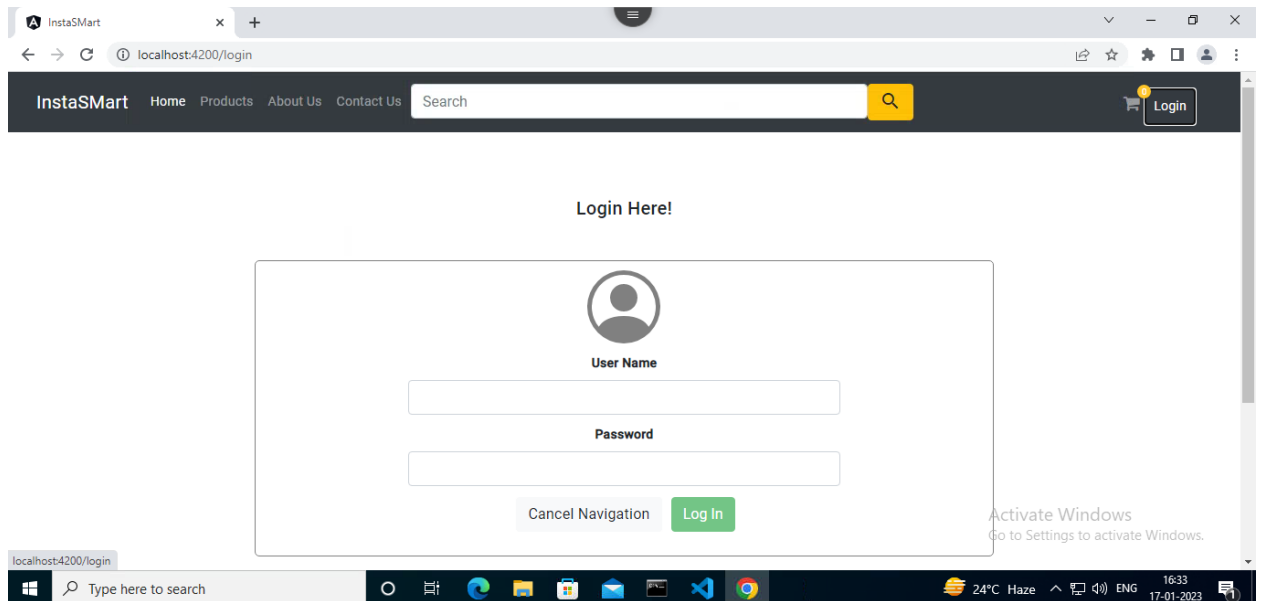
## 2. AboutUs Page



### 3. ContactUs page

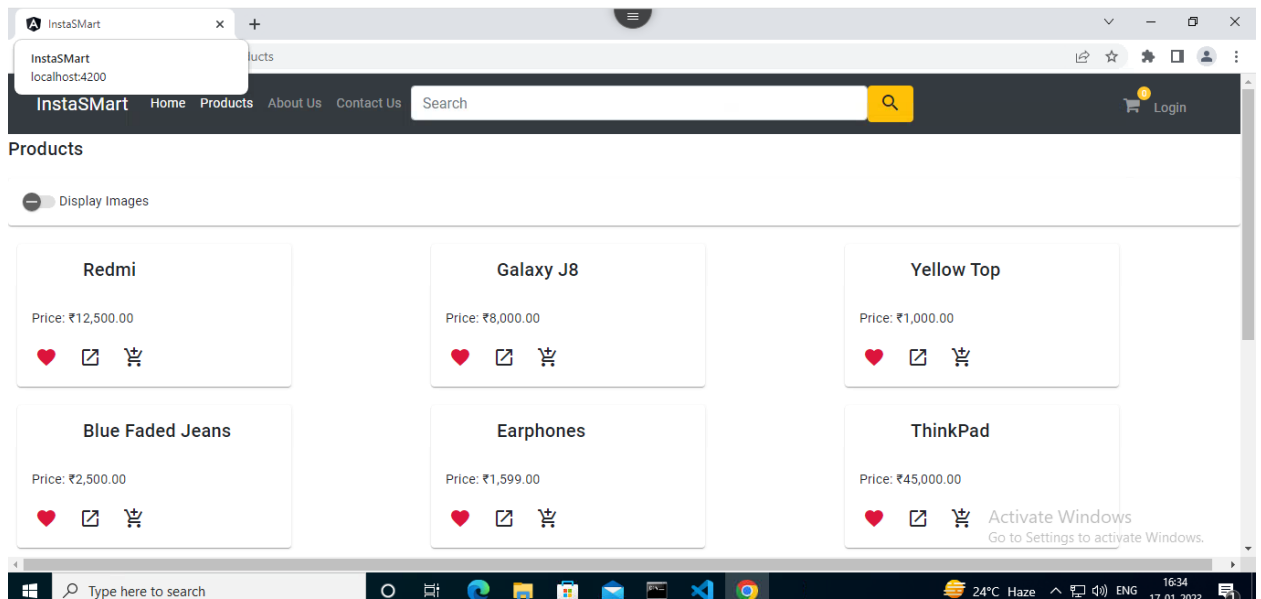


## 4. Login Page

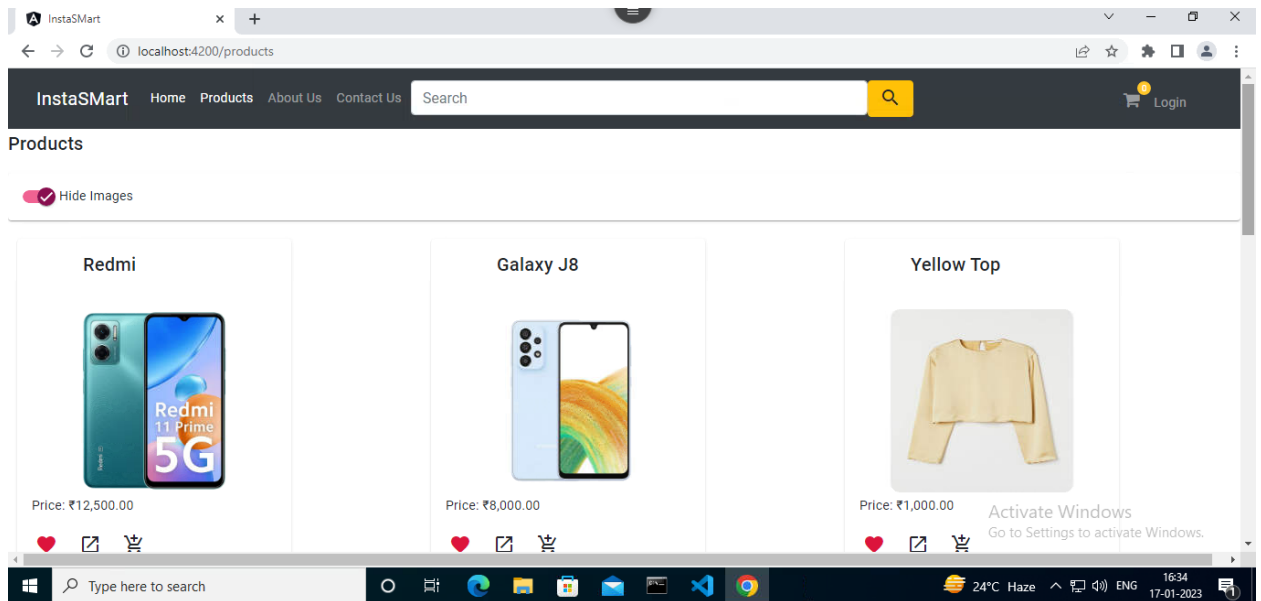


## 5. Products Page

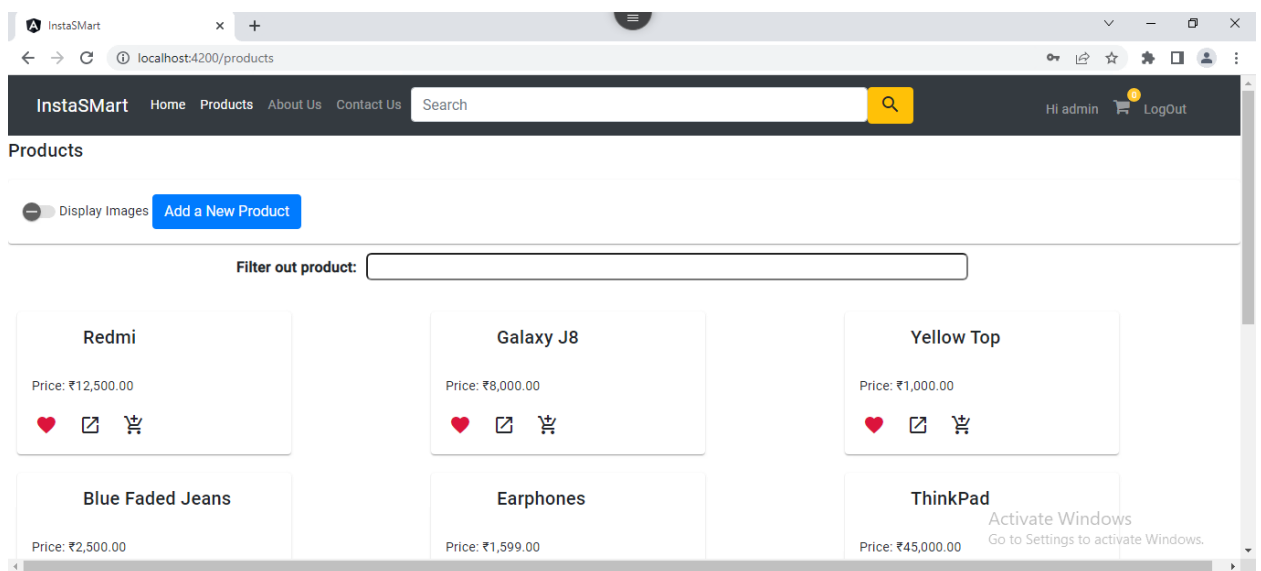
### a. With Image display off

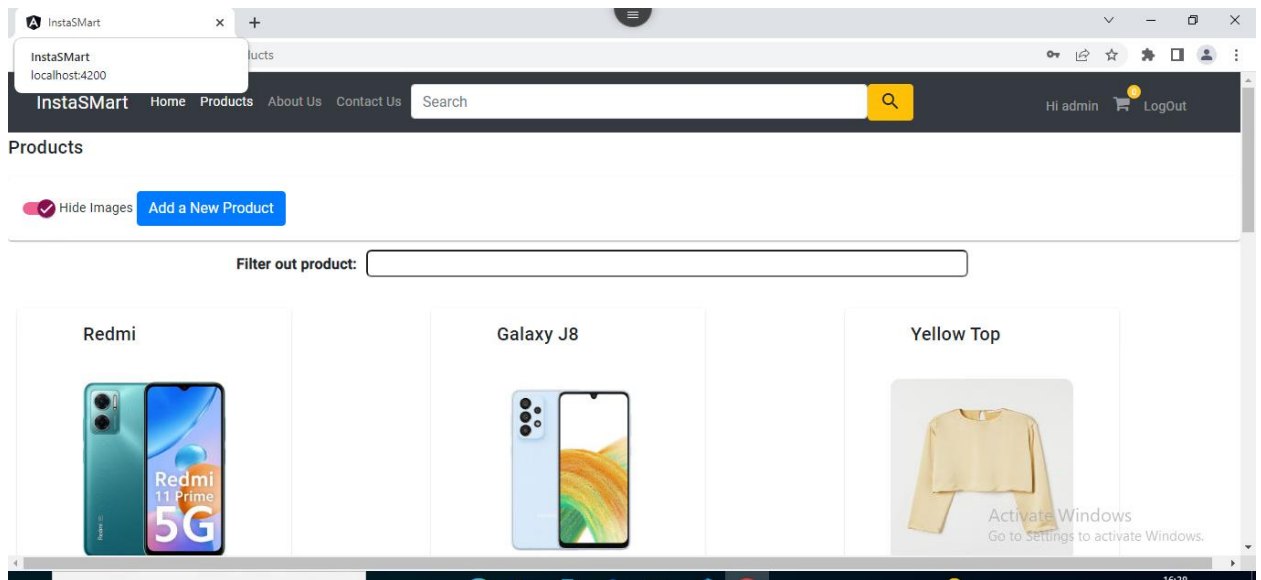


### b. With image display on

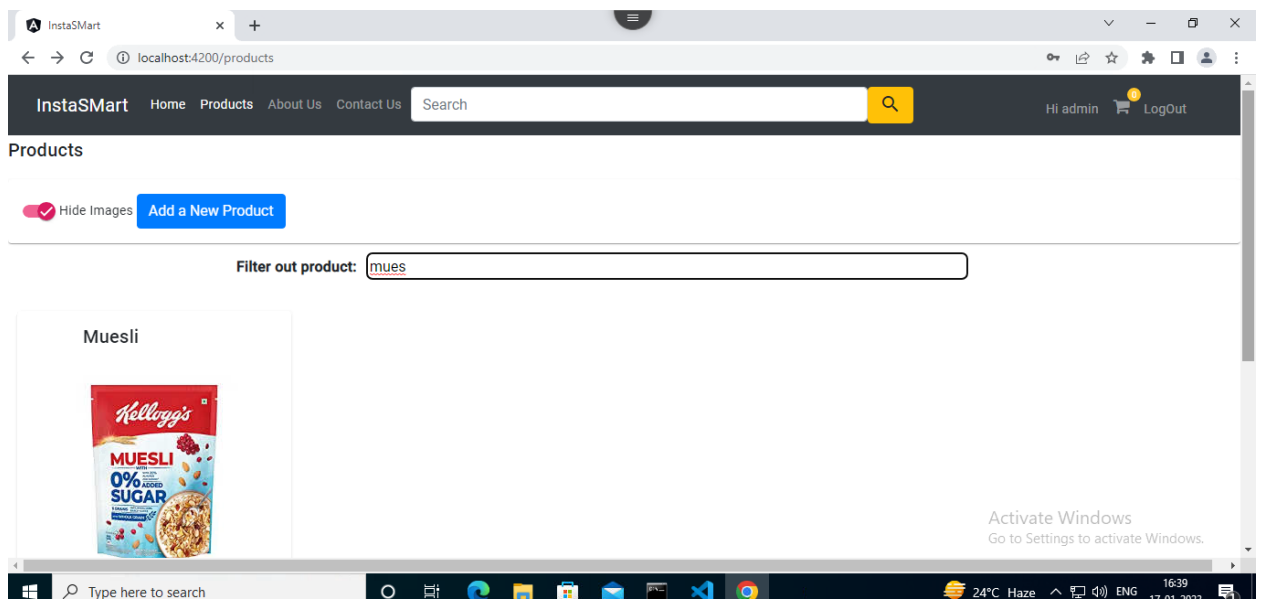


### c. When admin is logged in

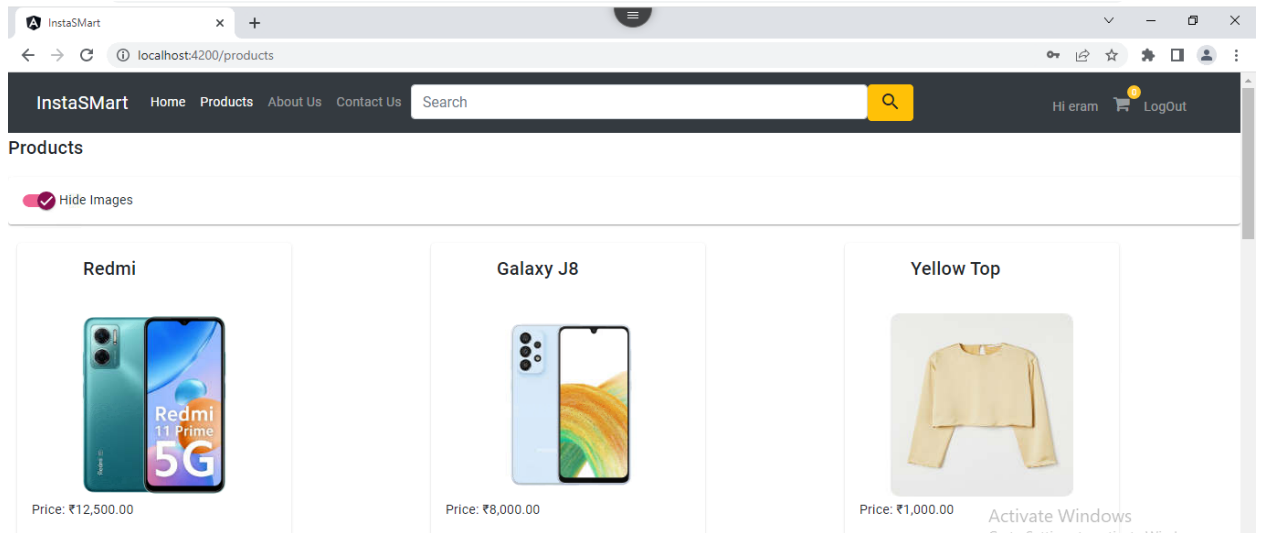




### i. Filtering of products for Admin

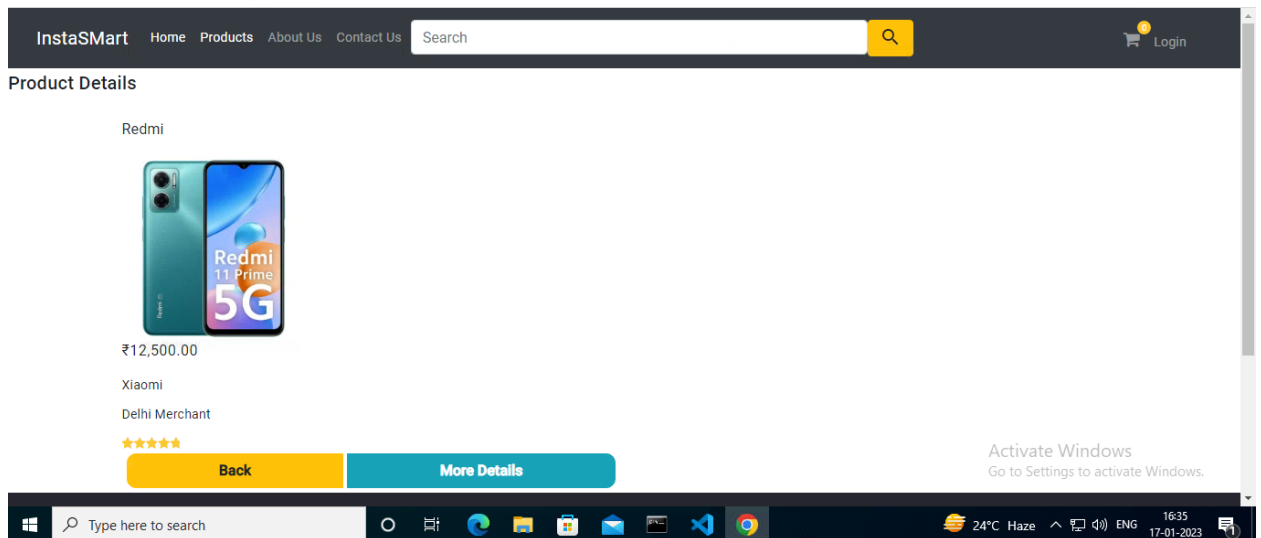


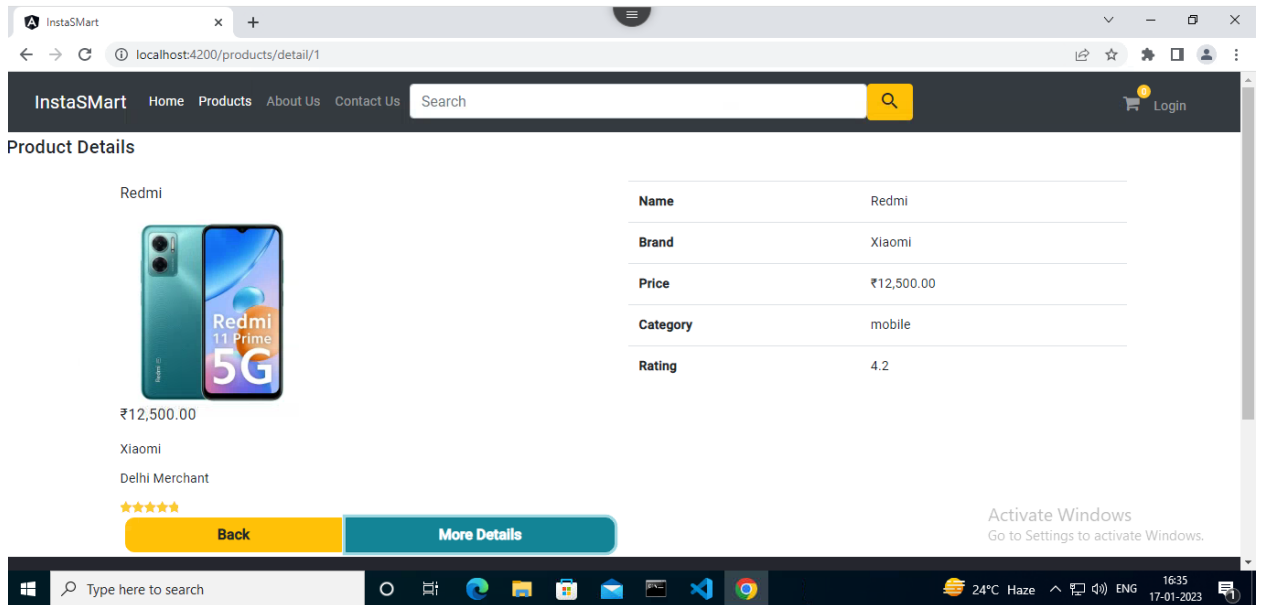
### d. When user is logged in



## 6. Product Detail Page for each product

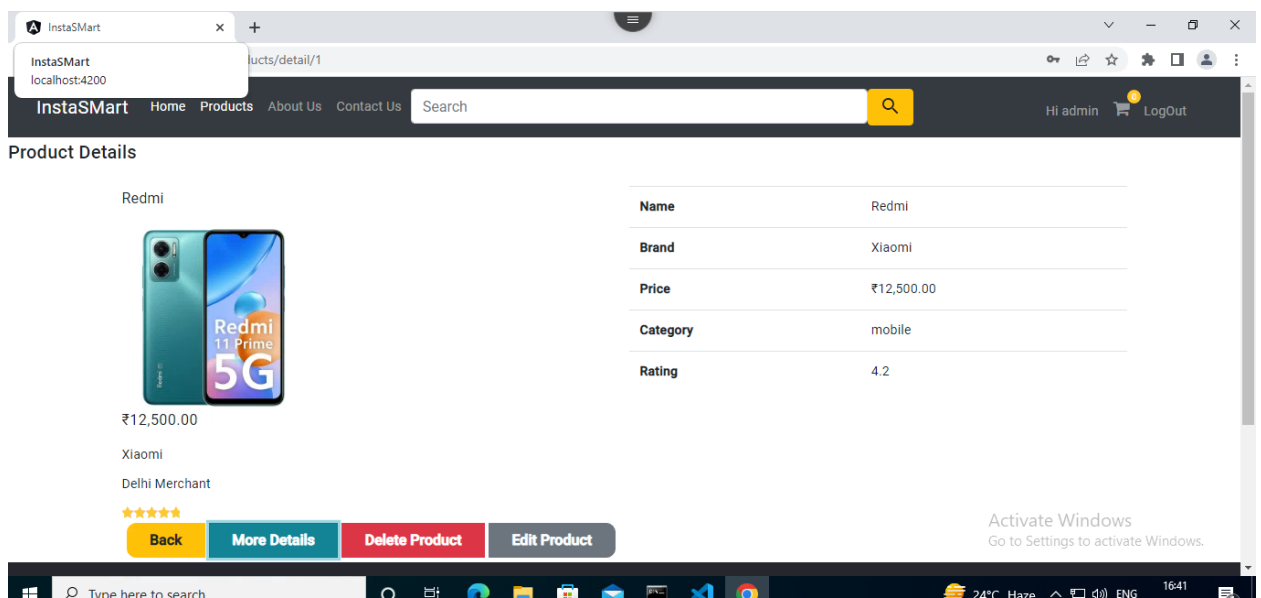
### a. When no user is logged in



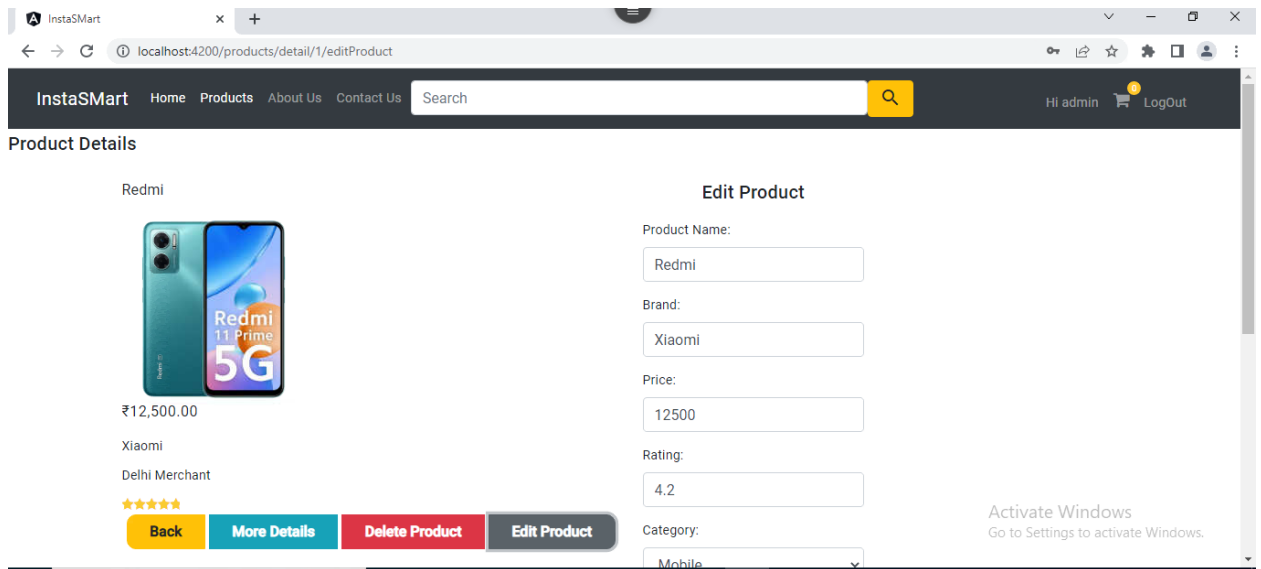


## b. When Admin is logged in

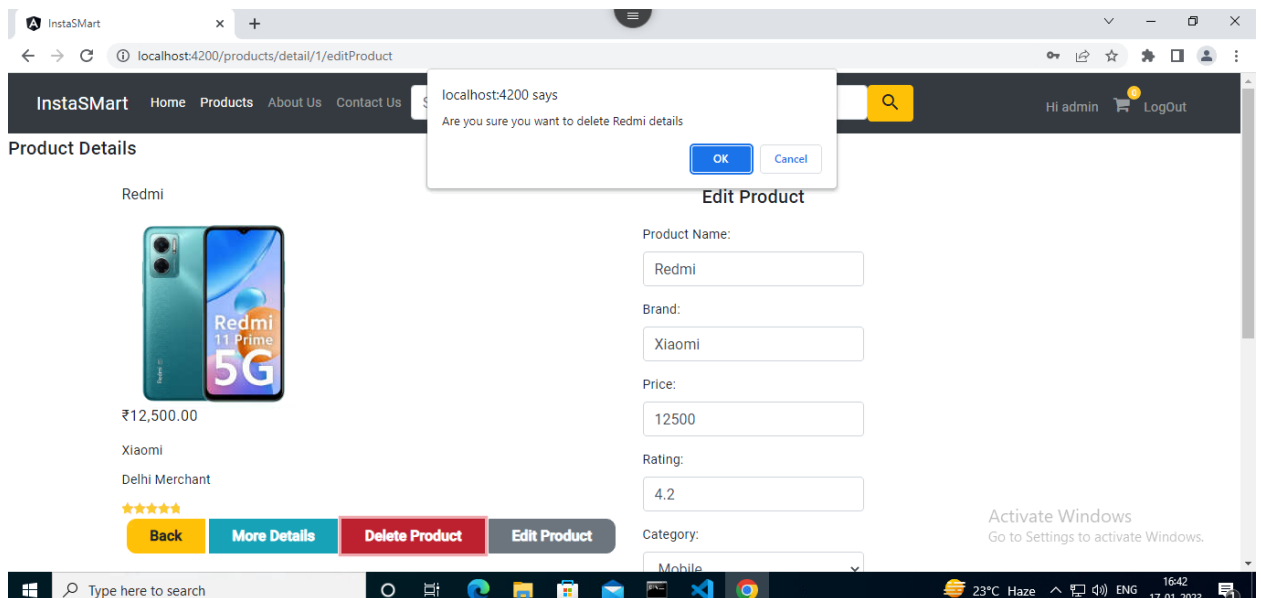
### i. Details of Product



### ii. Edit Product Form

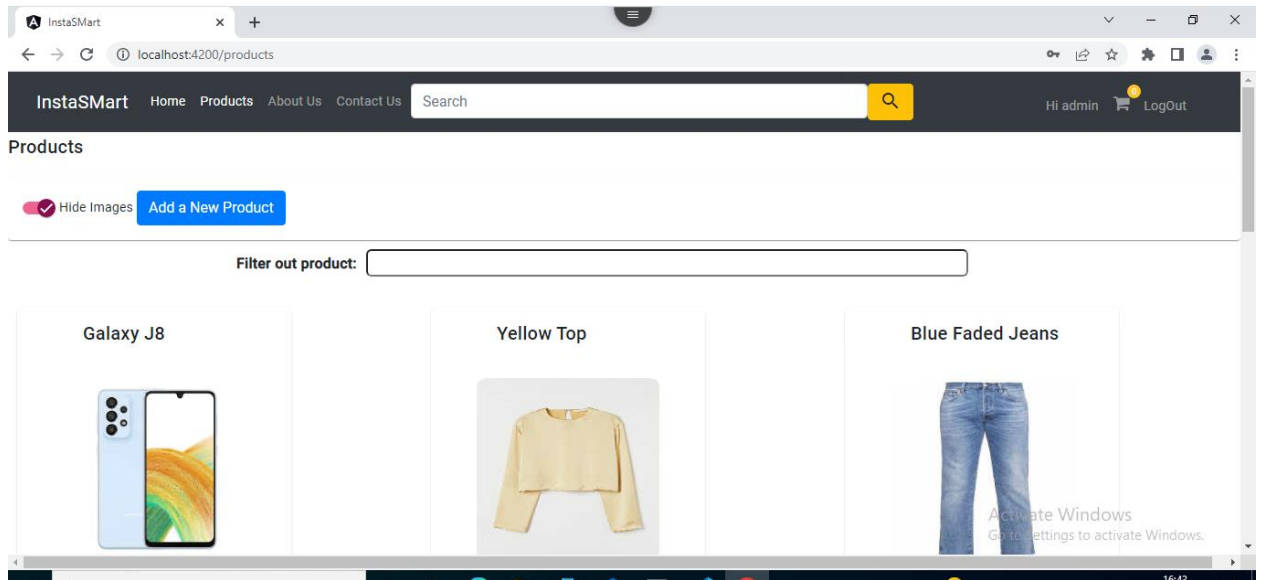


### iii. Delete Product Functionality



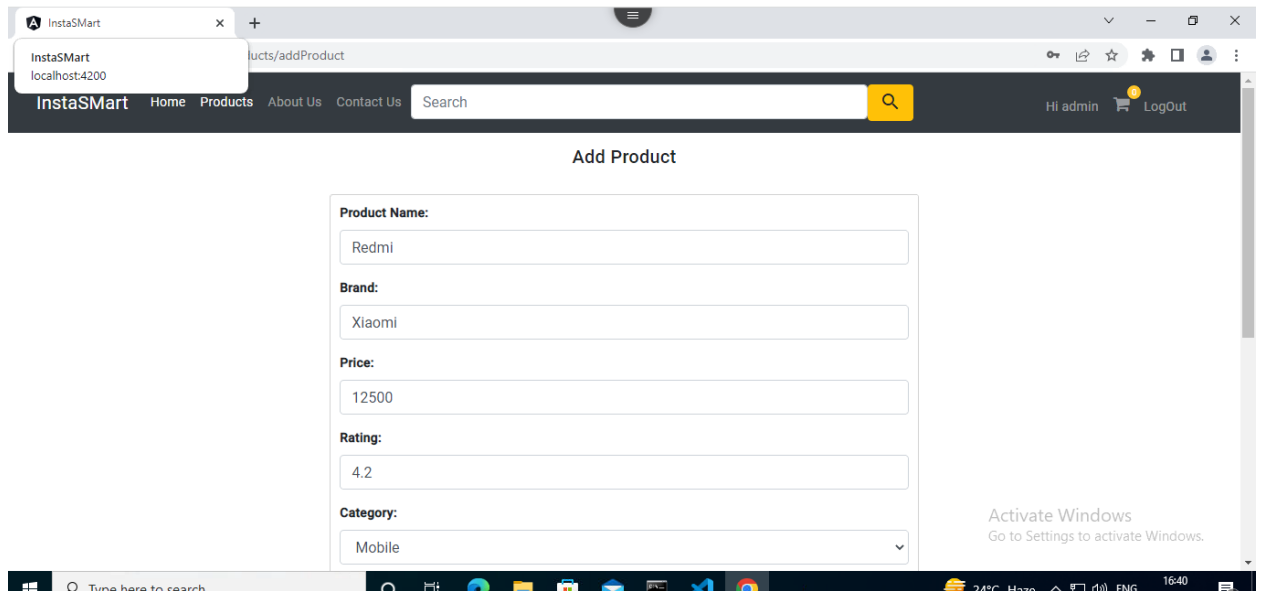
### iv. After Delete made

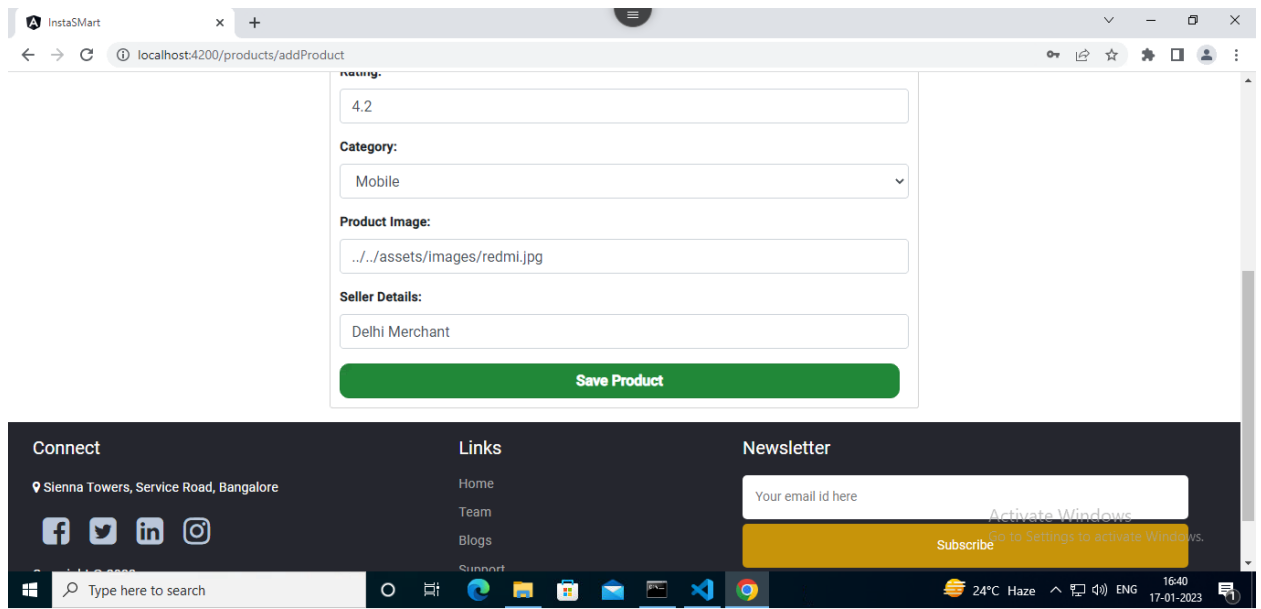




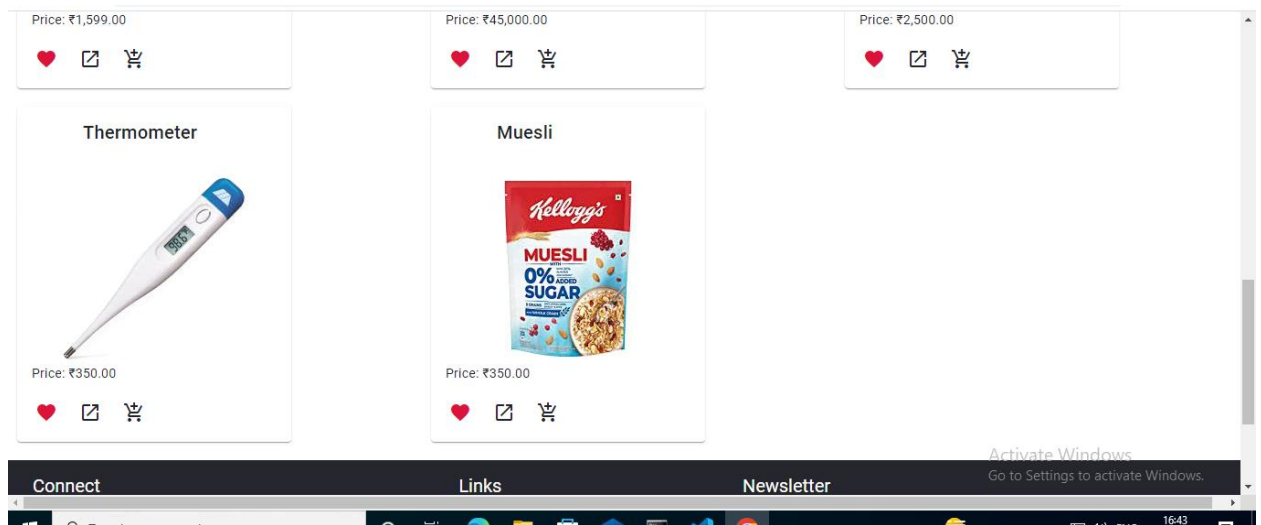
## 7. Product Add for Admin

### a. Add Product Form

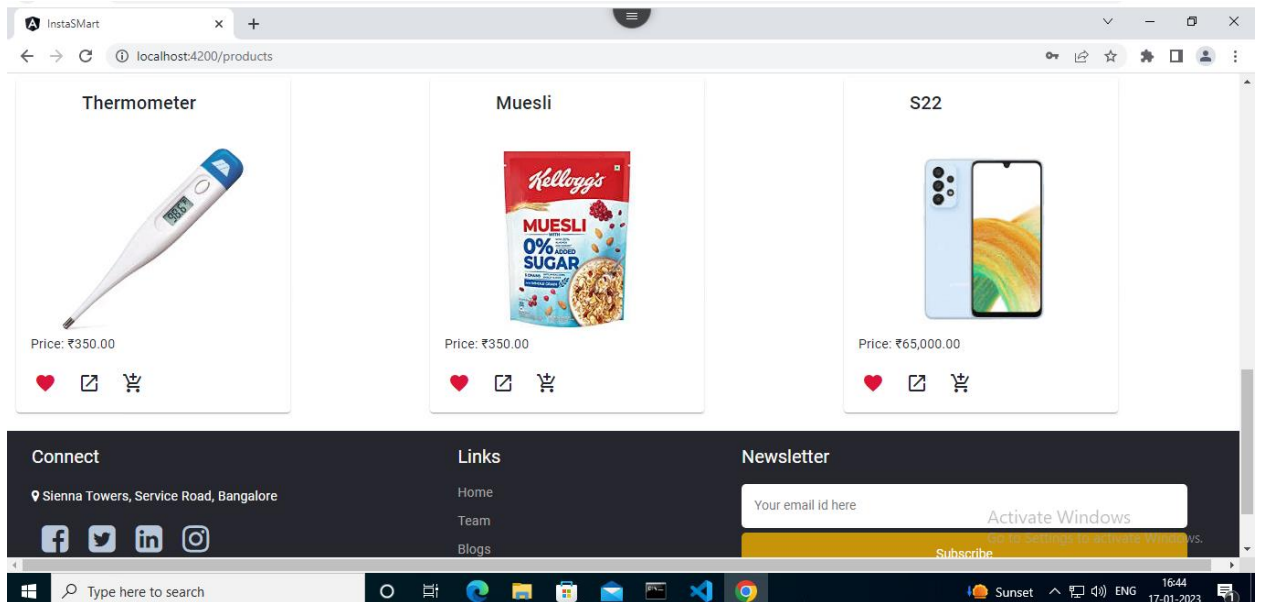




## b. Initial Display (before addProduct)

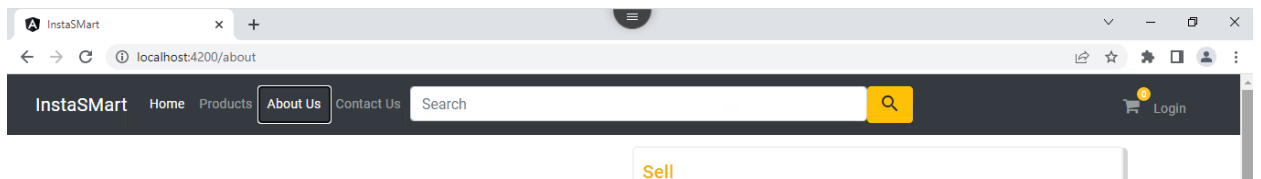


## c. Final Display (after addProduct)

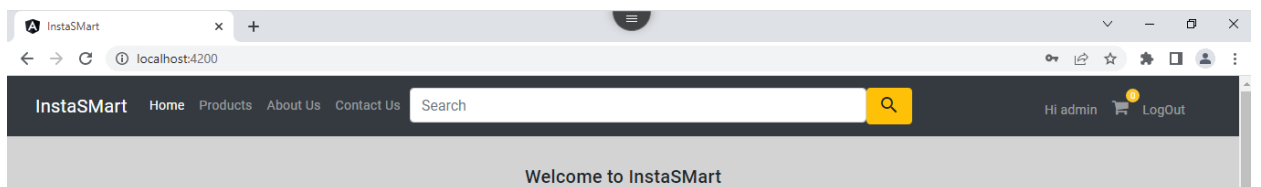


## 8. NavBar Display

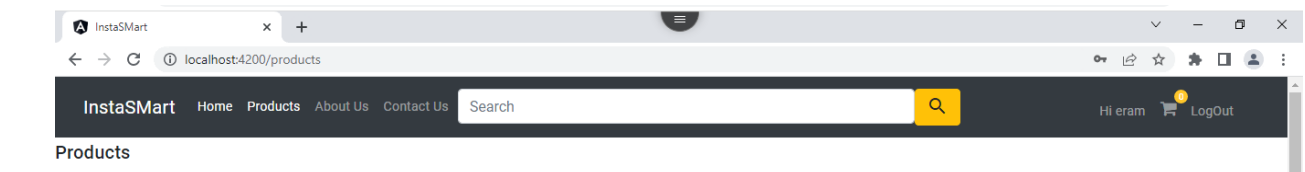
### a. When no one is logged in



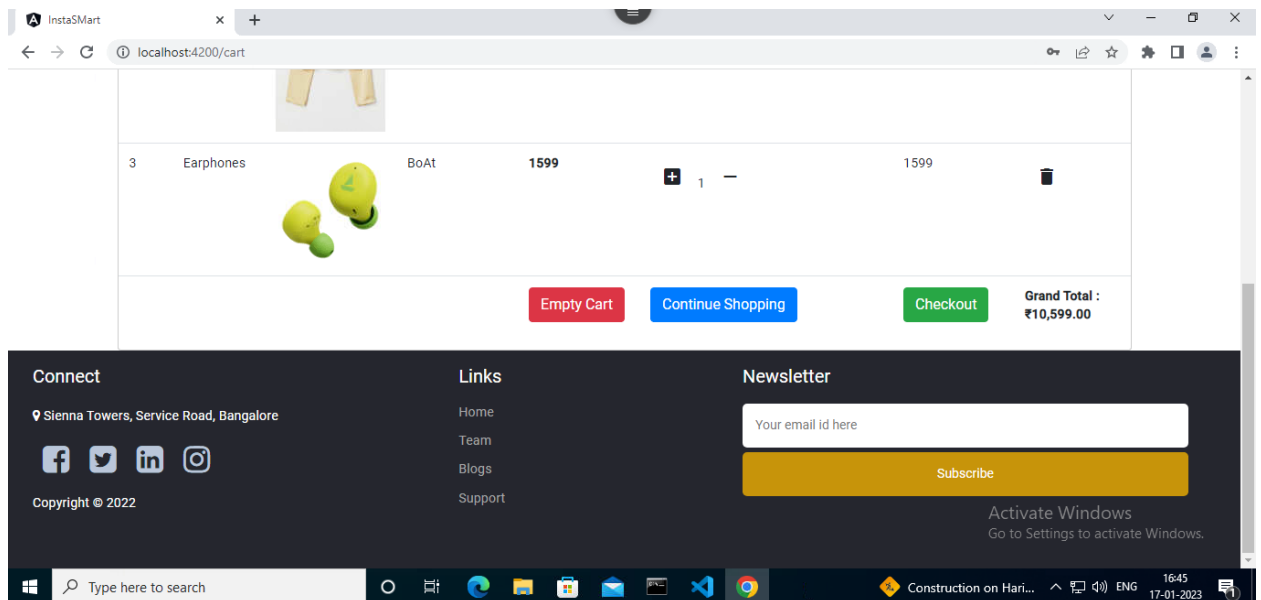
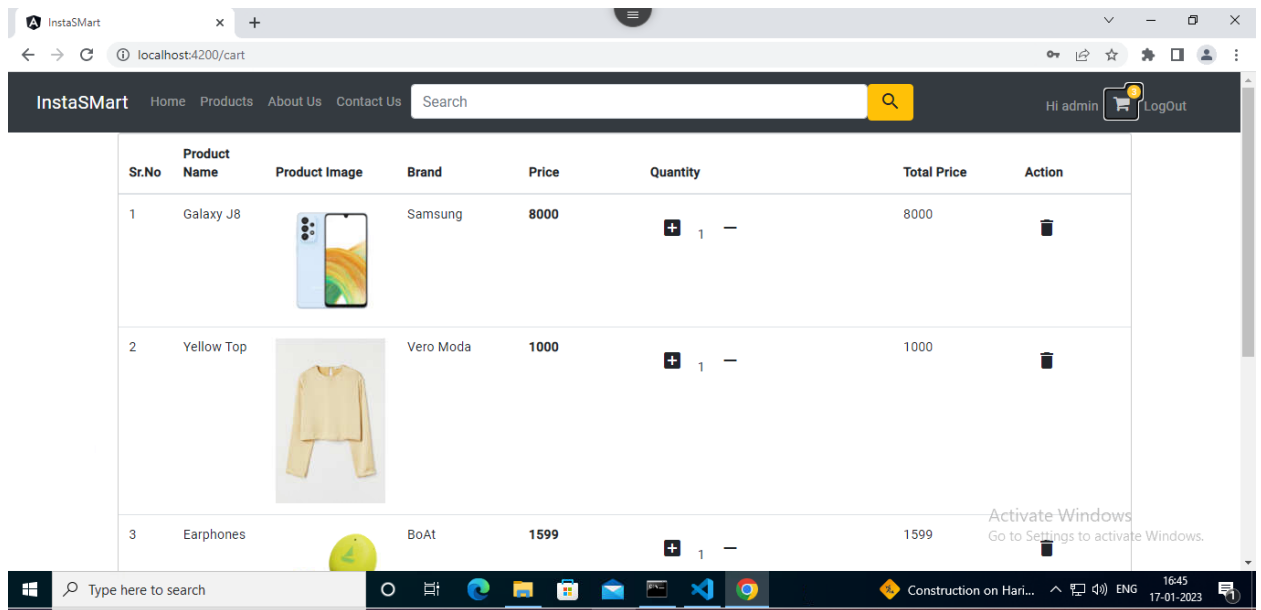
### b. When Admin is logged in



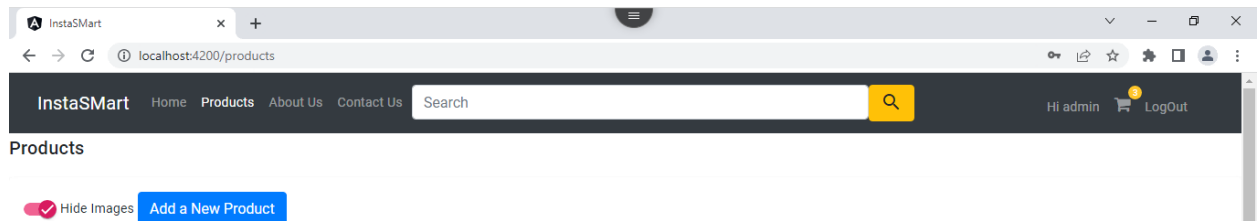
### c. When User is logged in



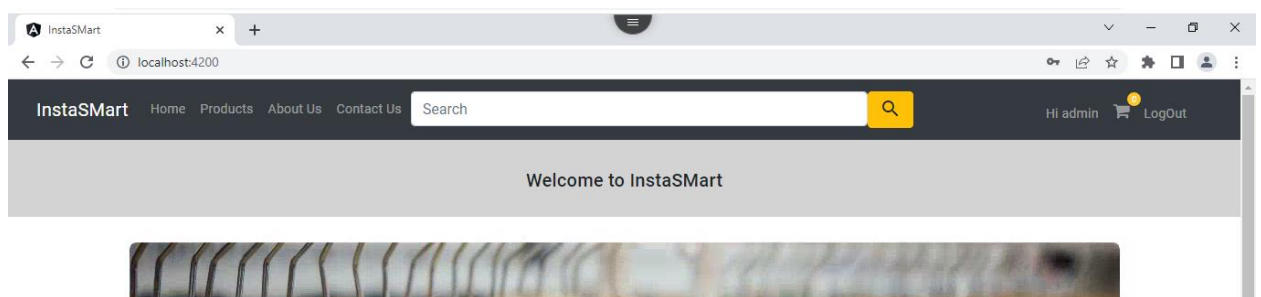
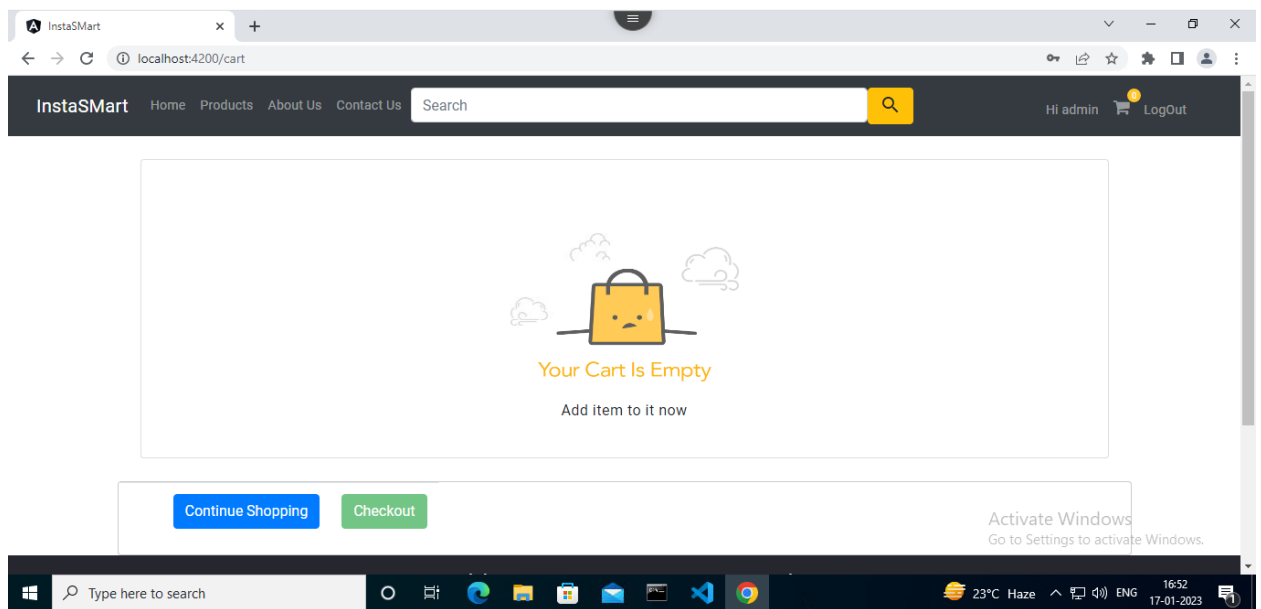
## 9. Cart Display (possible only if admin/user logged in -> both renders same display)



### a. Change in display of Navbar



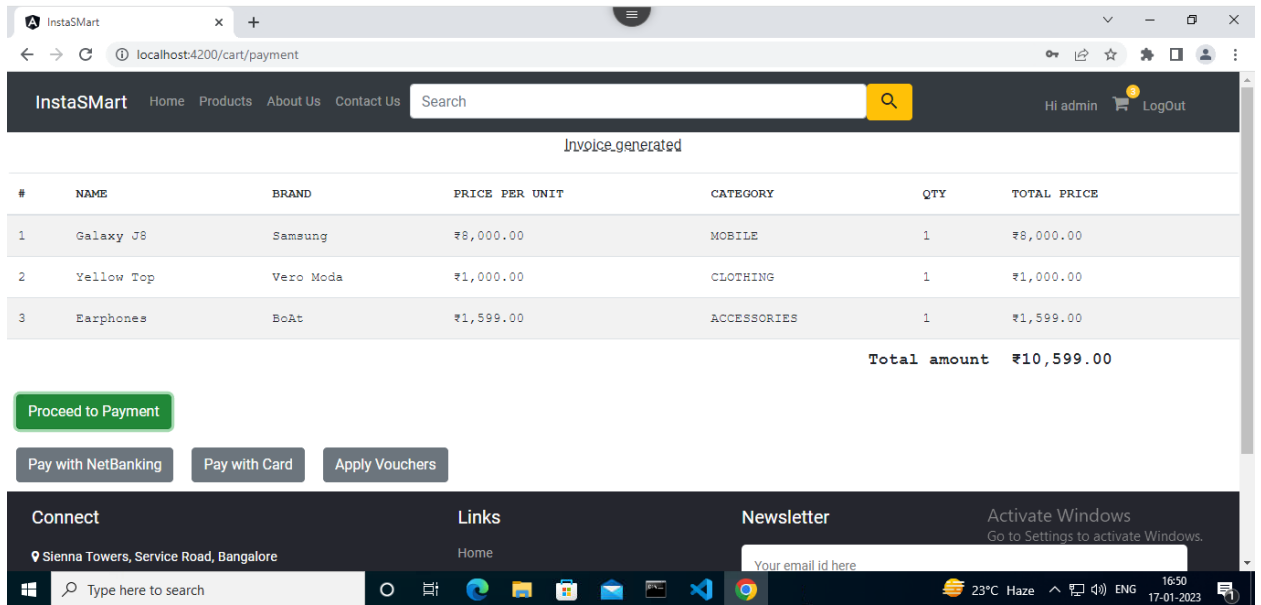
## 10. Empty Cart functionality (Checkout button remains disabled)



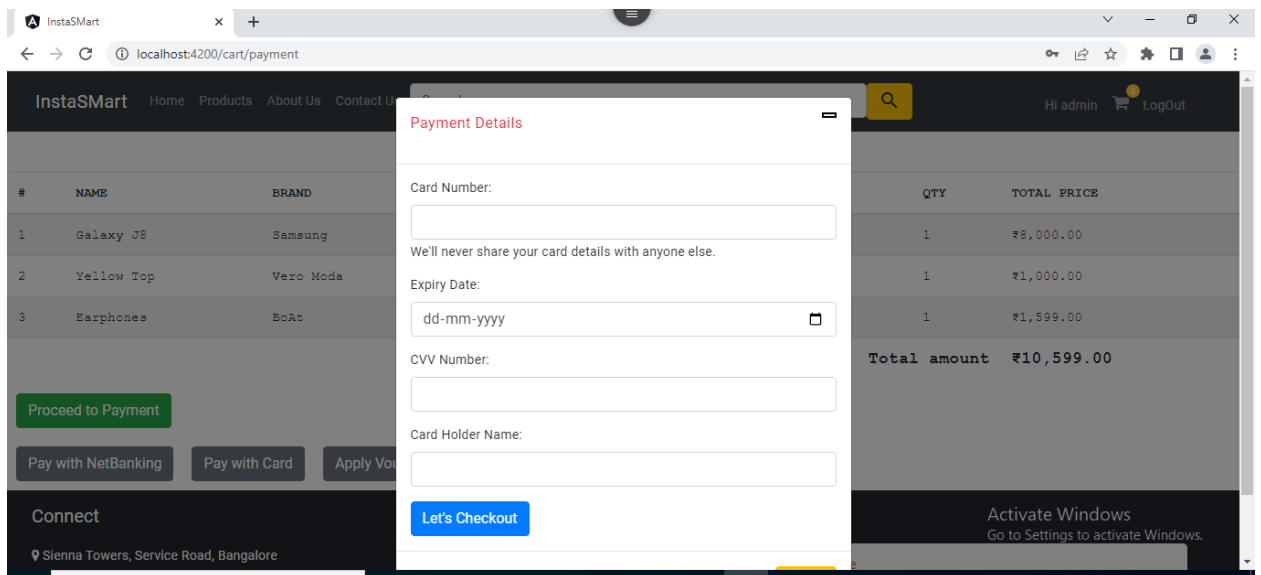
## 11. Payment Page on Checkout button click

### a. Invoice section

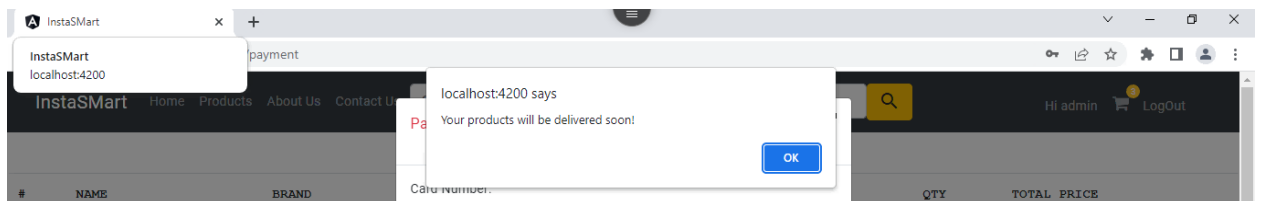
(Three grey buttons displayed only if Proceed to Payment button is clicked)



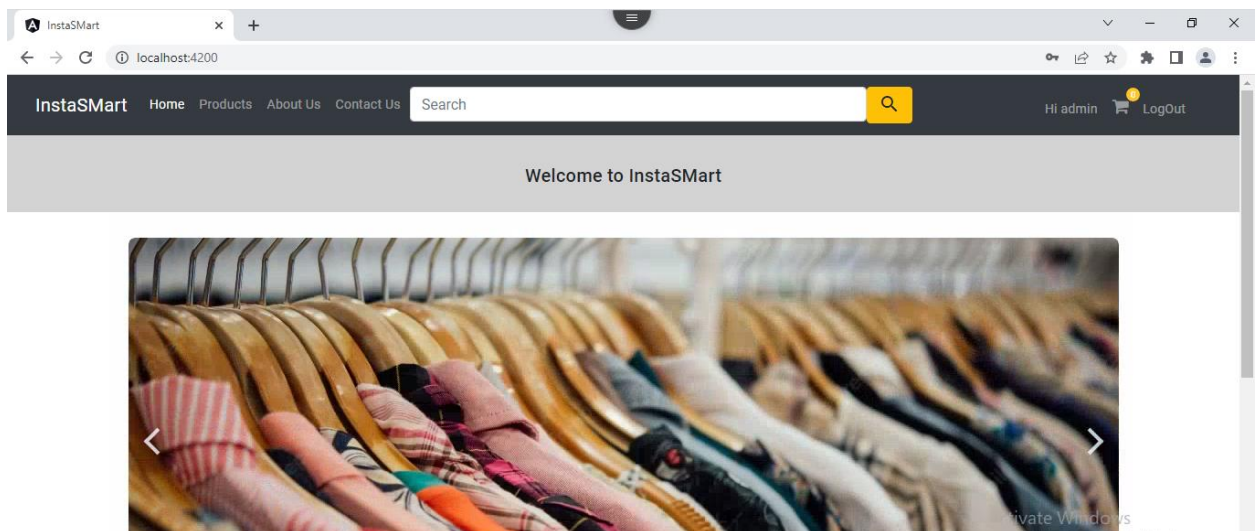
## b. Clicking Payment with Netbanking/Card



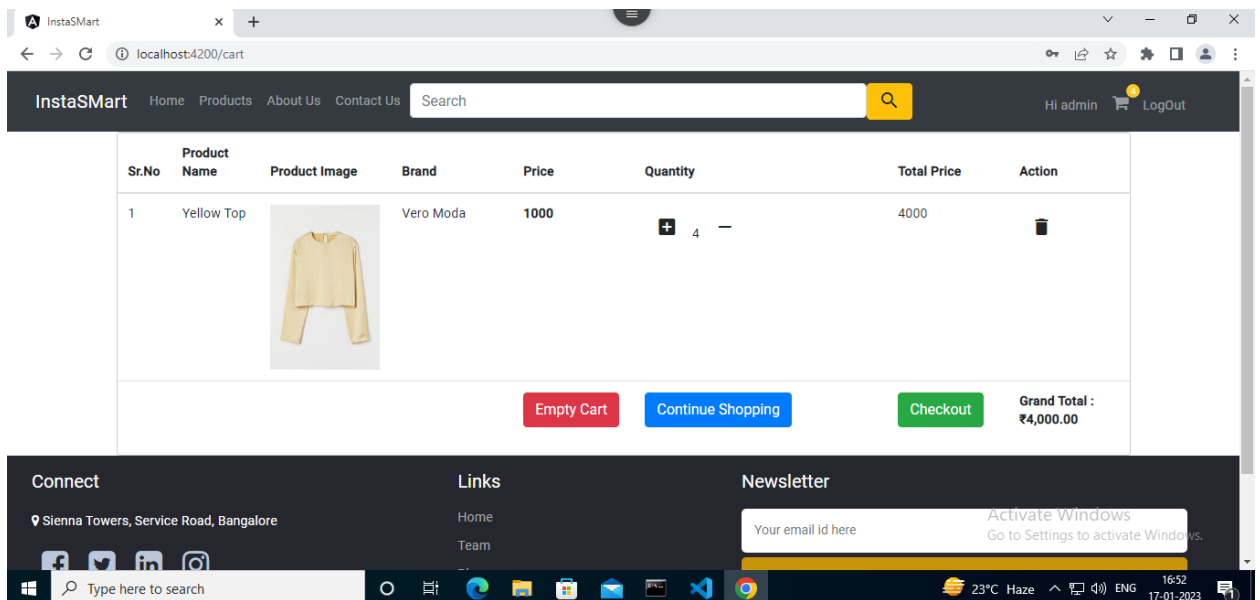
## c. Let's Checkout button click takes back to Home Page and empties the cart



(Check navbar cart icon count)



## 12. Internal increment/decrement of products in the cart



## 13. Routes section

### a. AppRoute

```
src > app > TS app-routing.module.ts > routes
9
10 const routes: Routes = [
11   {path: '', component: HomeComponent},
12   {path: 'home', component: HomeComponent},
13   {path: 'about', component: AboutUsComponent},
14   {path: 'contact', component: ContactUsComponent},
15   {path: 'login', component: LoginComponent},
16   //lazy loading of products and cart modules
17   {
18     path: 'products',
19     loadChildren: () => import('./products/products.module').then((m) => m.ProductsModule),
20   },
21   {
22     path: 'cart',
23     loadChildren: () => import('./cart/cart.module').then((m) => m.CartModule),
24     canActivate: [AuthGuard]
25   },
26   {path: '404', component: NotFoundComponent},
27   {path: '**', redirectTo: '/404'}
28 ];
29
30
31
32
33
34
```

## b. ProductRoute

```
src > app > products > TS products-routing.module.ts > ...
6 import { ProductEditComponent } from './product-edit/product-edit.component';
7 import { ProductListComponent } from './product-list/product-list.component';
8
9 const routes: Routes = [
10   {path: '', component: ProductListComponent},
11   {path: 'products', component: ProductListComponent},
12   {path: 'addProduct', component: ProductAddComponent},
13   {path: 'detail/:id', component: ProductDetailComponent,
14     children: [
15       {path: 'editProduct', component: ProductEditComponent},
16     ]
17   }
18 ];
19
20 @NgModule({
21   imports: [RouterModule.forChild(routes)],
22   exports: [RouterModule]
23 })
24 export class ProductsRoutingModule { }
25
```



### c. CartRoute

```
src > app > cart > TS cart-routing.module.ts > [?] routes > [?] component
1  import { NgModule } from '@angular/core';
2  import { RouterModule, Routes } from '@angular/router';
3  import { CartListComponent } from '../cart-list/cart-list.component';
4  import { PaymentComponent } from '../payment/payment.component';
5
6  const routes: Routes = [
7    {
8      path: '', component: CartListComponent
9    },
10   {
11     path: 'cart', component: CartListComponent
12   },
13   {
14     path: 'payment', component: PaymentComponent
15   }
16 ];
17
18 @NgModule({
19   imports: [RouterModule.forChild(routes)],
20   exports: [RouterModule]
21 })
22 export class CartRoutingModule { }
23
```

## 14. ng build

```
PS D:\capstoneproject\instaSmart> ng build
Generating browser application bundles (phase: setup)... TypeScript compiler options "target" and "useDefineForClassFields" are set to "ES2022" and "false" respectively by the Angular CLI. To control ECMA version and features use the Browserslist configuration. For more information, see https://angular.io/guide/build#configuring-browser-compatibility
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size | Estimated Transfer Size
main.4f3da9f9b9b30f4a.js | main | 698.13 kB | 165.83 kB
styles.344dice223e78975.css | styles | 486.25 kB | 34.28 kB
scripts.71d638fcfee4b851.js | scripts | 169.30 kB | 47.51 kB
polyfills.e96ef388522b418.js | polyfills | 33.08 kB | 10.63 kB
runtime.013a12622142658d.js | runtime | 2.67 kB | 1.27 kB
Initial Total | 1.36 MB | 259.52 kB

Lazy Chunk Files | Names | Raw Size | Estimated Transfer Size
558.e19105880e3831c2.js | products-products-module | 32.87 kB | 6.38 kB
865.6160dd065b0ce95b.js | cart-cart-module | 10.29 kB | 2.95 kB

Build at: 2023-01-17T11:00:57.790Z - Hash: bb25d4b442743049 - Time: 48573ms
Warning: bundle initial exceeded maximum budget. Budget 500.00 kB was not met by 889.43 kB with a total of 1.36 MB.
```

## 15. ng test

```

in a loaded module using StoreModule.forRoot('products', ...) or StoreModule.forFeature('products', ...). If the default state is intended
LOG: 'selected current product in ng onit add product ', undefined
Chrome 109.0.0.0 (Windows 10): Executed 146 of 142 SUCCESS (0 secs / 1.31 secs)
LOG: 'value in form changes'
Chrome 109.0.0.0 (Windows 10): Executed 146 of 142 SUCCESS (0 secs / 1.31 secs)
Chrome 109.0.0.0 (Windows 10): Executed 147 of 142 SUCCESS (3.792 secs / 1.318 secs)
TOTAL: 147 SUCCESS

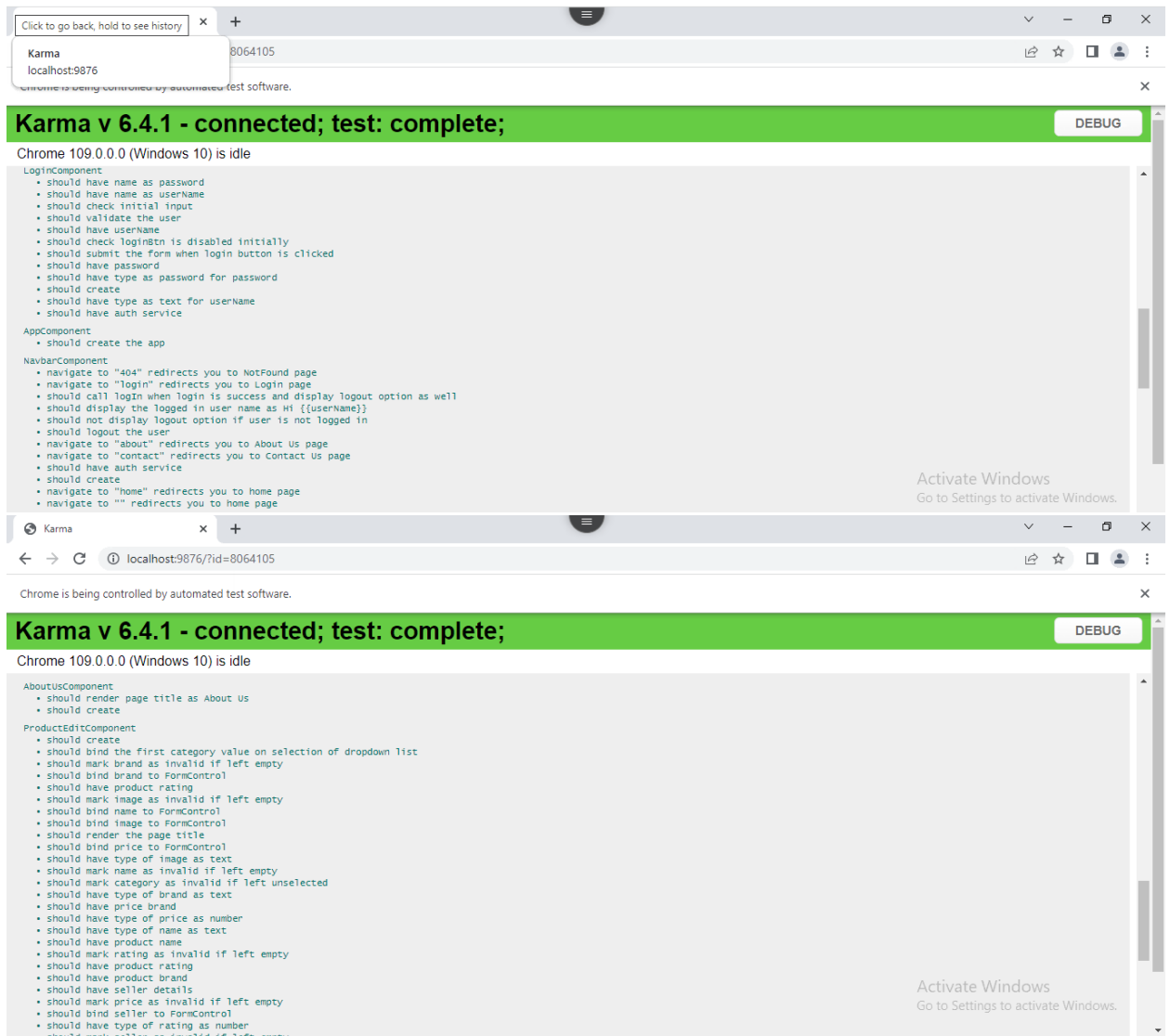
```

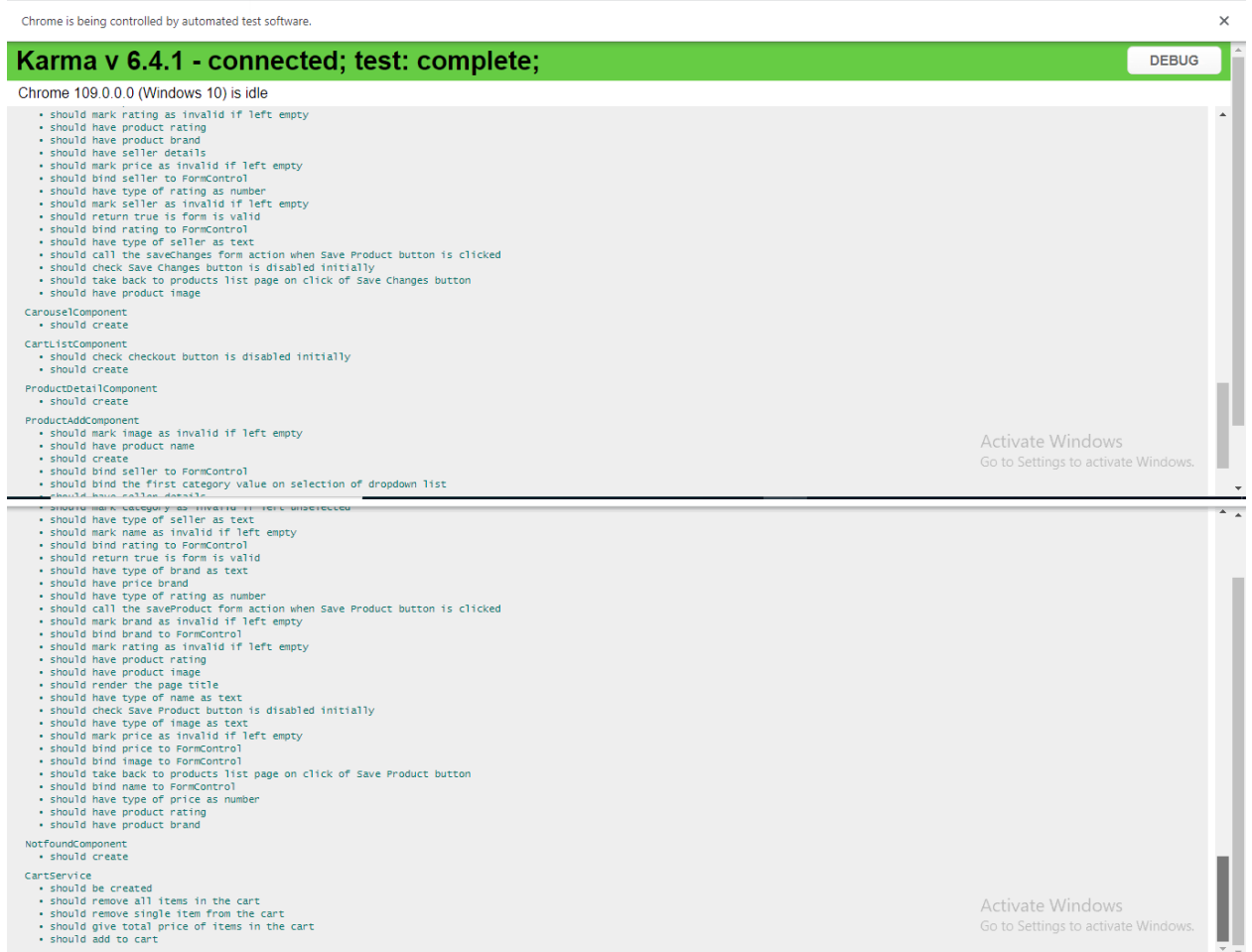
## 16. Testing display

The screenshot displays the Karma test runner interface within a web browser. The top status bar indicates 'Karma v 6.4.1 - connected; test: complete;' and 'DEBUG' mode. Below this, it shows 'Chrome 109.0.0.0 (Windows 10) is idle'. The main section features the Jasmine logo and version '4.5.0'. A green progress bar shows '140 specs, 0 failures, randomized with seed 02903' and 'finished in 1.445s'. The test results are listed in a tree view:

- ProductListComponent
  - should create
- FooterComponent
  - should create
- DbService
  - should be created
- PaymentComponent
  - should create
- RatingComponent
  - should create
- HomeComponent
  - should create
- ProductsService
  - should call getProducts()
  - should be created
  - should get product by id when getProductById() called
  - should make use of createProduct() to create a new product
  - should delete product when deleteProduct() called
  - should update product when updateProduct() called

The bottom part of the image shows a second instance of the Karma interface, displaying a different set of test results for 'ContactusComponent' and 'LoginComponent'.





## 17. Responsive Web Design Display

