

V.I.P. Member Access

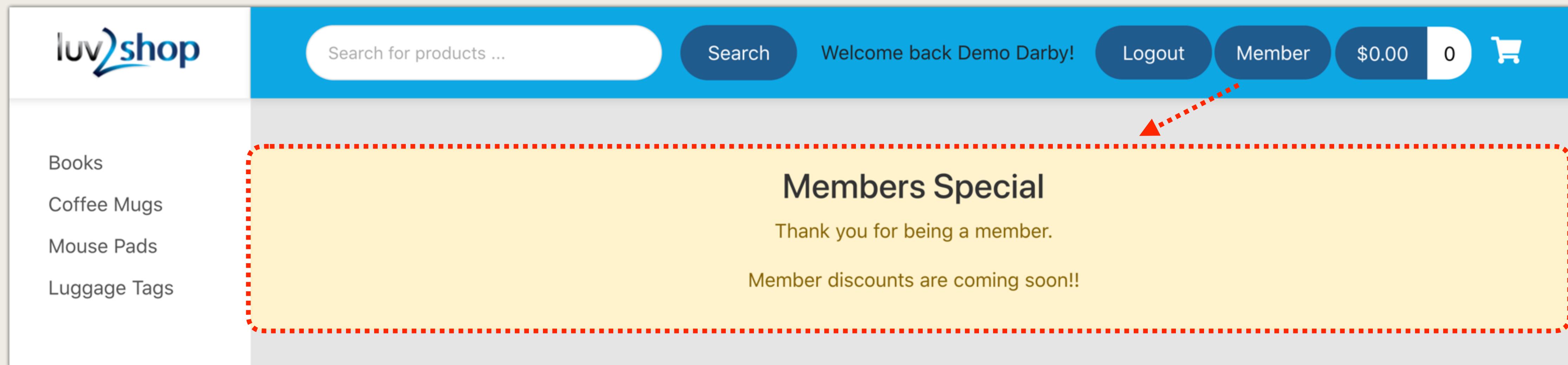


V.I.P. Member Access

- Provide access to special V.I.P. member page only for authenticated users
 - V.I.P. - Very Important Person
- We will have a protected route ...
 - Only accessible to authenticated users
 - User must be logged in
- If user is not logged in ... then redirect to login screen

Protected Route

http://localhost:4200/members



Angular Route Guards



- Angular has **route guards**
 - A route guard prevents users from accessing a part of an app without authorization
- Common route guard interface is: **CanActivate**
- You can provide a custom implementation for a route guard interface
 - return true if user can access, false otherwise
- Okta provides a route guard implementation: **OktaAuthGuard**

Route Guard - Quick Example

- Link to a route

```
<button routerLink="/members">Member</button>
```

Member

- Route guard configuration

```
const routes: Routes = [  
  {path: 'members', component: MembersPageComponent, canActivate: [ OktaAuthGuard ]},  
  ...  
];
```

Route Guard



Development Process - Angular

Step-By-Step

1. Generate members-page component
2. Update template text in HTML page
3. Add "Member" button to login-status component
4. Define protected route for members-page component

Step 1: Generate members-page component

```
$ ng generate component components/MembersPage
```

Step 2: Update template text in HTML page

File: members-page.component.html

```
<div class="main-content">  
  <div align="center" class="alert alert-warning col-md-12" role="alert">  
    <h3>Members Special</h3>  
  
    <p>Thank you for being a member.</p>  
  
    <p>Member discounts are coming soon!!</p>  
  </div>  
</div>
```

Members Special

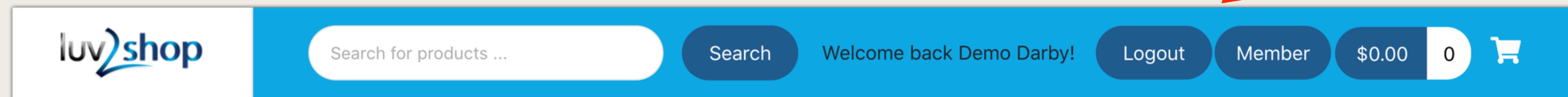
Thank you for being a member.

Member discounts are coming soon!!

Step 3: Add "Members" button to login-status component

File: login-status.component.html

```
<div class="login-status-header">  
  
  <div *ngIf="isAuthenticated && userFullName" class="login-status-user-info">  
    Welcome back {{ userFullName }}!  
  </div>  
  
  <button *ngIf="!isAuthenticated" routerLink="/login" class="security-btn">Login</button>  
  
  <button *ngIf="isAuthenticated" (click)="logout()" class="security-btn">Logout</button>  
  
  <button routerLink="/members" class="security-btn">Member</button>  
  
</div>
```



Step 4: Define protected route for members-page component

File: app.module.ts

```
const routes: Routes = [  
  {path: 'members', component: MembersPageComponent, canActivate: [ OktaAuthGuard ]},  
  ...  
];
```

Route Guard



Developer Docs

- For additional details on Angular route guards, see this link

www.luv2code.com/angular-route-guard

- For details on **OktaAuthGuard**, see this link

www.luv2code.com/okta-auth-guard