

# How to define user permission for different admin level

1. Create setRole, getRole function and declare function in AuthService

```
export class AuthService {  
  token: string;  
  role: string;  
  
  setRole(role: string) {  
    this.role = role;  
  }  
  
  getRole(): string {  
    return this.role;  
  }  
}
```

2. In login class, when user successfully log in, the res object return role and token. Invoke authService.setRole method for res.role

```
onSubmit(form: NgForm) {  
  this.isSubmit = true;  
  const username = form.value.username;  
  const password = form.value.password;  
  console.log(username);  
  this.subscription = this.authService.login(username, password).subscribe(  
    //(res: {message: string, token: string}) => {  
    //role: boolean  
    (res: {message: string, token: string, role: string}) => {  
      //new below  
      this.authService.setToken(res.token);  
      this.authService.setRole(res.role);  
      //same as above, role,, ngIf---role  
      this.router.navigate(['/present-query1']);  
    },  
    () => {  
      this.isFailed = true;  
      this.isSubmit = false;  
    }  
  )  
}
```

3. In component

```
constructor(private http: HttpClient, private db:DbService,private role:AuthService) { }  
dbversion:string;  
roleA:string;
```

```
ngOnInit(){  
  console.log(123)  
  this.roleA=this.role.getRole();  
  this.dbversion=this.db.getDbVersion();  
  this.http.get<any>(`https://adbm-final.herokuapp.com/api/database/${this.dbversion}/query/9`).subscribe(  
    data =>{  
      this.extract_data(data);  
      this.render();  
    },  
    error =>{  
      console.log('esrror');  
    }  
  );  
}
```