**Steps To Create an Angular Client**

1. Mockup Front-End/Discuss modules and components, possible routing-TLDR: **Plan!**
2. Create an Angular Project through AngularCLI
3. In main.ts, specify PlatformBrowserDynamic and provide BASE\_URL and Providers
4. In index.html use app-root html selector on a div
5. In app.module.ts: Import needed libraries then in @NgModule make declarations, imports and bootstrap providers to app.component.ts
6. In app.component.ts: Specify html file to take the place of app-root placeholder--as well as CSS and other needed functions.
7. In app.component.html use router-outlet tag as a placeholder for routing
8. In app.routing.ts associate paths with corresponding components to be used for page redirection
   1. An empty path would be your “home page”
   2. Specify paths for other pages
9. Organize .ts and .html pages into subcomponents which each have their own module.ts.
10. The steps following are Optional but can be considered best-practice. This design pattern will make the code cleaner and more readable:
    1. Create repository.ts to interface with the data produced by the REST API, it fetches that data from the REST API.
       1. Snippet from Movie repository:

//SAMPLE REPO CODE

constructor(private http: HttpClient) {

this.filter.related = true;

this.getMovies();

}

getMovie(id: number) {

this.http.get(moviesUrl + '/' + id)

.subscribe(response => this.movie = response);

}

* 1. Create model.ts files that correspond to our data (example: movie.model.ts)
     1. If you have the names match the naming of the data in the JSON from the REST API with the ?: following them then the data type(string or number) then it’ll be set up to search the JSON and plug in the value that matches