

1. Install the Angular CLI

```
npm install -g @angular/cli
```

2. Create a workspace and initial application

```
ng new my-app
```

Choose css to be the style format.

And then replace the styles.css and app folder.

3. Run the application

```
cd my-app  
ng serve
```

You may need to install packages such as chart.js and @angular/material to run the app successfully.

To make modification:

Currently, we have employee.ts(user component) and games.ts which have similar structures as database objects. You can add or delete attribute to satisfy your needs. The tree view of the 'app' folder is attached below.

- app
 - employee.ts (component for user)
 - user(name, rank, points, image, badges[])
 - games.ts (component for game)
 - game(id, name, app, category, creator, release date, description, image, badges[])
 - sidenav (navigation bar)
 - game-index
 - featured-games
 - new-releases
 - games
 - featured-games.ts (component for featured games)
 - new-releases.ts (component for new releases games)
 - leader
 - leaderboard0 (plain leaderboard)
 - leaderboard-filter (leaderboard with filter function)
 - leaderboard (leader board page)
 - game (view game page)
 - badges
 - description
 - leaderboard (leaderboard on the view game page)
 - stats
 - dashboard
 - employee (profile section)
 - dashboard-badges
 - dashboard-leaderboard
 - dashboard-stats
 - dashboard-games (currently the same as new-releases of the game-index)