[UI Testing - Adding Jasmine test to the existing Angular component.](http://confluence.ehr.com/display/~RICHA664/2019/08/30/Development+package+source+repository+changes)

Hello HRPortal Devs!

As you all aware of, this is a good practice to create tests, especially in Continuous Integration (CI) and Continuous Delivery (CD) environment.

This blog is all about UI testing

Angular CLI

Angular CLI provides easy way for scaffolding different types of files in Angular application.

Please check the following document.

<https://angular.io/cli/generate>

There are few possible ways, while creating file, the test (spec) file is not going to be generated:

* While generating file, the **--skipTests=false** has been added to the command (the depreciated flag version is **--spec=false**)

**We should avoid using --skipTests=false flag while creating the new typescript file.**

* The new file has been added manually to the Angular Application. In this case the test file won’t be generated as well.

We should always make sure to create spec file at the time of creating new typescript file

Adding test file to the appropriate angular type file

As of now (version 8) Angular ClI does not provide option of adding test file to the desired component/directive/guard/service/pipe file

Here were ngx-spec npm package comes to the rescue

ngx-spec npm package

This package will allow to add missing spec file to the existing component/directive/guard/service/pipe

Note: This package has been already added to the angular application. Please make sure to run npm install to install package locally

Once the package has being install please run ng g ngx-spec:spec path/my.service  
or ng g ngx-spec:spec path/my.service.ts

Note: Please see list of all possible options at <https://www.npmjs.com/package/ngx-spec>