Project 2: CRUD app using Angular

Goal

Design a fully functional, CRUD (Create, Read, Update, Delete) application using Angular.

Recommended Procedure:

1. Follow the tutorial at https://www.sitepoint.com/angular-2-tutorial/, step by step.

2. The companion code resides at: https://github.com/sitepoint-editors/angular-todo-app

   o You can access the code up to "part N" by going to https://github.com/sitepoint-editors/angular-todo-app/tags and downloading the appropriate files.

3. Once you have a functional TODO app, modify the app to convert it another simple app with basic CRUD (Create, Read, Update, Delete) functionality.

4. As you progress, document your changes and design decisions, why and how you made them, what worked and what did not.

5. **Test your app** after every significant change / addition.

6. Once you've reached a point where your app is complete and fully functional in the browser of your choice (Chrome, Firefox, Opera, or Safari), **prepare the final package** (single zip, all that is needed, and nothing else).

7. **Deploy your solution at the lamp.cse.fau.edu server**.

8. **Submit the final package** via Canvas.

Minimum requirements:

- Your app **must** be your own work. If you use a site, app, textbook example or any other source as "inspiration" along the way, please make a note of it in your report.
- It **must** allow the management of a list of items, by supporting at least the following operations: *adding*, *editing*, **and** *deleting*, each item bookmark.
- It **must store the items** (locally, on the client browser), i.e., the list of items should be *persistent*.

Deliverables

- **A single zip file** containing **all** files necessary to build and test your project in a local setup and your brief report (see below).
- A **report** (3-6 pages) describing any relevant aspect that I cannot tell just by looking at the page files.
  o For example: instructions to build your app, the editor(s) you used, the browser(s) you tested your page on, how was the Angular learning curve, which tasks were more time consuming, etc.

   Please name your file using your FAU username as a filename, e.g., jsmith85.zip.

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Grading rubric:

- o Layout and organization   20%
- o Usability   20%
- o Code – correctness   20%
- o Code – functionality   20%
- o Code – inline comments   10%
- o Report   10%
- o Bonus points (extra features)   up to   20%

Submission: Please **submit your files via Canvas** using *the assignment submission option* and **deploy your solution at the lamp.cse.fau.edu server**.

- These guidelines may be updated. Please check your email and Canvas often.