**Problem**

You are designing a web application that manages organizational structure for parent and child companies.

Each company has two properties, they are company name and estimated annual earnings.

There are two types of companies: 1- Main company, 2 - Subsidiary company.

The company can belong only to one company but can have a few child companies.

**Requirements**

- The application should allow a user to view/add/edit/delete any company.

- Company name and estimated earnings should be stored in database

- Show companies tree

Example:

Name | Company Estimated Earnings | Company Estimated Earnings + Child Companies Estimated Earnings

-Company1 | 25K$ | 53K$

--Company2 | 13K$ | 18K$

---Company3 | 5K$

--Company4 | 10K$

- Nesting level is not limited

- Single page approach should be used.

- Any solution should demonstrate best practices where appropriate such as SOLID principles.

**To be supplied**

- Assessment Code (ideally hosted via something like GitHub)

- Web application should be deployed and link to the app should be provided

- Any database scripts

- Any setup instructions