Software Developer – Java Coding Task

**Description:**

Organization “FarmCollector” wants to collect information from Farmers for **every field** for **every season**, **per farm** (2 API):

1. Planted:

a. Planting Area (in acres).

b. Type of crops planted.

c. Amount of Expected product (in tons)

2. Harvested:

a. Actual amount of harvested product.

Organization “FarmCollector” want to see reports for every season shows expected vs actual amount of product:

1. For each farm

2. For each Type of crops

For example Farmer from the farm “MyFarm” planted corn and potatoes. He will submit four sets of data – one for corn, one for potato, where planted then one for corn , one for potatoes, where harvested.

Reports should be available on the web page for every season.

**What we are expecting:**

1. Source-code (Spring-boot application, Java 17)
2. Description of API (endpoints)
3. Reports should be available via browser (just text, no need to do any graphs)
4. Provide at least one unit test for each API call

**Candidate will be evaluated based on**:

* Coding
* Documentation
* Reports
* Tests
* Task completion

**Please do not spend more than 4 hours on this task. Once completed, please share your github link back via email.**