**Coding Assignment 2, round 2**

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| Name(s) |  |  |  |

**Problem**

Consider CA 2. Do the following for using category-partition for testing the *removeEmployee* method.

1. Identify independently testable feature (use case, method). Supply justification and/or explanation as necessary. (No further comments needed here)

We will use the category partition method to test the *removeEmployee* method.

1. Identify inputs/parameters for each feature. Supply justification and/or explanation as necessary.
2. Identify categories/characteristics for each input/parameter. Supply justification and/or explanation as necessary.
3. Partition categories into choices. Supply justification and/or explanation as necessary.

Note: Steps 2, 3, and 4 can be combined here if clearly explained.

1. Identify constraints among choices and write your TSL input file. Show the contents of the file here. Supply justification and/or explanation as necessary.
2. Produce and evaluate test case specifications (frames) using TSL as needed. Show the test frames here. Supply justification and/or explanation as necessary.
3. Generate test cases from test case specifications. Show a table similar to the one shown below that shows each values you will use for each characteristic for each test. Supply justification and/or explanation as necessary.

|  |  |
| --- | --- |
|  | **Values for Choices** |
| **Test** | **Name or Symbol for Characteristic 1** | **Name or Symbol for Characteristic 1** | **…** |
| 1 |  |  |  |
| 2 |  |  |  |
| … |  |  |  |

1. Identify what criteria must hold true for each test case to pass, *i.e.* what are you going to assert? Note that sometimes there are multiple side-effects so each one must be checked. Provide a numbered list. Supply justification and/or explanation as necessary.
2. …
3. …
4. …
5. Write JUnit tests. You should validate and verify the test cases.

The JUnit test cases are found in the *StoreTester* class that was submitted.

1. Run JUnit tests and assess output. Comments here are optional. If something needs to be said to clarify, explain, *etc.* then do it here.

**Time Log**

If working in a group, ONLY submit a single timelog if you worked face-to-face for the entire assignment; Otherwise submit one for each member (copy table below).

* **Delete empty rows, add if needed.**
* **Put the total time at bottom.**

Name:

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| **Time (hrs)** | **Task** |
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