GE2: Group 22 analysis of group 21 tcs

Ву

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Analysis

In this report we intend to analyse group's 21's test cases for function 1. It has to be mentioned that they may have changed their test cases to better suit the code since they sent it to us as we did whilst we progressed and run pyb in our code, but this report will be based on the test cases received.

First of all we have to look at what EC's and BV's they've generated which they have added to the table in their excel.

In this table one of the things that stand out the most is the lack of columns:

FROM IBAN	DATA TYPE	ECV1 - STRING (ES1021002152980200638904)	ECNV1 - NOT A STRING
	ALGORITHM	ECV2 - IBAN VALID (ES1021002152980200638904)	ECNV2 - IBAN NOT VALID (ES1021002152980200638903)
	LENGTH	ECV3 - 24 (ES1021002152980200638904)	ECNV3 - LENGTH < 24 (ES10210021529802006)
			ECNV4 -LENGTH > 24 (ES102100215298020063890400000)
		BVV1 - 24 (ES1021002152980200638904)	BVNV1 - 23 (ES102100215298020063890)
			BVNV2 - 25 (ES1021002152980200638900)
	FS	ECV4 - STARTS WITH ES (ES1021002152980200638904)	FCNV5 -NOT START WITH FS (RR1021002152980200638904)

Image 1: snippet of the table received showcasing lack of column titles.

In this table we see they define what input they analyse (they could have put it in each row since their current way is a bit confusing), their analysis case (data type, length...) and their valid/non valid classes (ECVn/ECNVn) and their valid/non valid boundary values (BVVn/BNVVn).

Their selection of equivalent classes seems on point and their Boundary values are well chosen.

From this we can move on to the test cases table:

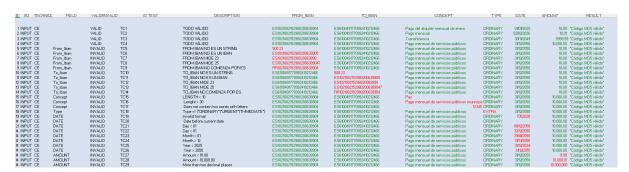


Image 2: Screenshot of the table of test cases.

In this case the presentation is far clearer and the way they indicate with colours valid and invalid values is very easy to see. The test cases content themselves, they are nicely done, and seem to cover all boundary values and equivalence classes (last column couldn't appear on the screenshot).

All in all group 21 has built solid test cases albeit the first table could use some improvement on the presentation to make it clearer to see.