University of Technology, Sydney

Faculty of Engineering and Information Technology

Department of Software Engineering

Assignment 2 Marking Sheet

31235 Database Programming

ID: U12020830

Compile correctly	5	
Design of the problem solution	10	
Code written in a package and is modularized	10	
Is the code appropriately documented	10	
Variable naming	10	
Appropriate exception handling	10	
Is the system easy to run	5	
Can the code be rerun without duplication of transactions	10	
Can the code be run for any date	10	
Is the minimum amount handled correctly	10	
Professional Presentation	10	
Deskbank file, is it correct	40	
Daily banking report, run it for various days, does it work	20	
Fraud report, did it pick up the invalid card values	10	
Was the RUN_TABLE created, does it work	15	
Was the email with attachment sent	15	
TOTAL		

100

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Comments

You did an excellent job with your design document. A small criticism though is that you did not explain HOW each module performs its function. You say what it does but you need to say HOW also. Your fraud description is very good. Don't be scared to include the sql statements in the design document which the developer could use.
The approach and presentation is first class and I am sure that the rest will come with experience and practice and for now you have a very good grounding.

Ran the program, all the files were created as expected and the email arrived. I can't ask for a better result. Perfect!

Tried to run again. The run table control is great.
Let me force the run now. Not part of the spec but I want to see what happens

	RUNID	RUNSTART	RUNEND	RUNOUTCOME	REMARKS
1	10000684	02-JUN-15 13:58:46	02-JUN-15 13:58:46	SUCCESS	The total number of new settlement is 6
2	10000706	19-JUN-15 21:40:42	19-JUN-15 21:40:43	SUCCESS	The total number of new settlement is 0
3	10000673	01-JUN-15 17:33:38	01-JUN-15 17:33:39	SUCCESS	The total number of new settlement is 8

Great logic on a forced run

Your program behaves perfectly. Very well done

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```
94      If the current day is the last day of the month
95  IF TRUNC(SYSDATE)=TRUNC(LAST_DAY(SYSDATE)) THEN
96      RETURN TRUE;
97  ELSIF p_amount> minimum_amount THEN
98      RETURN TRUE;
99  ELSE
00      RETURN FALSE;
01      END IF;
```

Remember the lecture on elegant code. It would have been much mpre sexier to do it that way.

Code looks very good.

I can not fault you. Your commenting of the package and the modules is exemplary. The code looks great. Exception handling and logging is first class.

I am very impressed. Very well done.

Keep this up and I am sure you will be one of the gun developers.