Crystal Reports® 2008 Developer Assignment Group 1

UNIVERSITY of TECHNOLOGY, MAURITIUS

You are expected to work as Decision Support Analyst for a fictitious Company called Xtreme Mountain Bikes. You will have to produce meaningful reports based on the under-mentioned requirements.

All the resources needed for this assignment can be downloaded at *http://172.16.2.2/~rh/resgp1.zip* or *http://202.123.21.122/~rh/resgp1.zip*

Report 1

Design a report that will allow the Vice-President Sales, Mr. Andrew Fuller to generate letters to all its customers in the USA only. The report contains two graphics files: **xtreme.jpg** and **andysig.gif**. The report should generate **90** distinct letters. The final output can be previewed at **r1cr2008gp1.pdf** which contains a snapshot of **four** selected letters. Xtreme mountain bikes also calculates a **new sales target** for its customers in the coming year based on the following:

- *For customers totalling purchases of $10,000 or less, the new sales target is calculated as: $25,000 + 20% of last years sales.*
- *For customers totalling purchases between $10,001 and $25,000, the new sales target is calculated as: $25,000 + 15% of last years sales.*
- *For customers totalling purchases between $25,001 and $50,000, the new sales target is calculated as: 125% of last years sales.*
- *For customers totalling purchases over $50,000, the new sales target is calculated as: 115% of last years sales.*

Save your report as **r1g1.rpt** and generate the **r1g1.pdf** output as well.

[35 marks]

Report 2

Design a report that will generate charts for the Total Sales from the following five countries in order: Australia, Canada, England, Germany and USA.
Also, for each country above, a chart displaying the Top 3 region by Sales Volume should be displayed as well as the total for each region.
The final output can be previewed at **r2cr2008gp1.pdf**.

Save your report as **r2g1.rpt** and generate the **r2g1.pdf** output as well.

[20 marks]

Report 3

Design a report that will display a Sales/Credit Analysis Report for all the customers grouped by Region (State) in the USA only. The report contains one graphic file: **xtreme.jpg**. Your report should also contain a linked sub-report called **creditforregion.rpt** which should display the total credit amount for the customers within that Region. The total sales for the region should also be displayed. The final output can be previewed at **r3cr2008gp1.pdf**.

Save your report as **r3g1.rpt** and generate the **r3g1.pdf** output as well.

[35 marks]

Report 4

Design a simple report that will display all the 2004 Sales Total for each month as well as the percentage it constitutes to the Sales Grand Total which should also be displayed.
The final output can be previewed at **r4cr2008gp1.pdf**.

Save your report as **r4g1.rpt** and generate the **r4g1.pdf** output as well.

[10 marks]

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Deadline

6th November 2009 @ 16:30 Hrs.

Deliverables

The deliverable consists of your source file (.rpt) and pdf output for each report.
All deliverables to be uploaded (Campus-Access Only) as a single zipped file with filename as **student_id.zip** at the following path: **ftp://172.16.2.2/assignments/rh/CR2008/group1/** before the deadline.

There will be penalties for late submission.

Assessment

The assignment carries **55% of the module weight** and is marked over **100 marks**.