Crystal Reports® 2008 Developer Assignment Group 3

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/resgp3.zip* or *http://202.123.21.122/~rh/resgp3.zip*

Report 1

Write a report that will show a cross-tab report of all the employees who have sold Product Names consisting of a single word and Product Type ID being less than 5. The total number of orders for each Product Name has to be displayed as well as the total numbers of orders dealt by each employee for each Product Name. A pie chart representing such sales should also be displayed for each employee. The orders are those dealt during the 2005-2007 period. The final output can be previewed at **r1cr2008gp3.pdf** .

Save your report as **r1g3.rpt** and generate the **r1g3.pdf** output as well.

[25 marks]

Report 2

Write 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 **r2cr2008gp3.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 last year sales of $10,000 or less, the new sales target is calculated as: $25,000 + 20% of last years sales.
- For customers totalling last year sales between $10,001 and $25,000, the new sales target is calculated as: $25,000 + 15% of last years sales.
- For customers totalling last year sales between $25,001 and $50,000, the new sales target is calculated as: 125% of last years sales.
- For customers totalling last year sales over $50,000, the new sales target is calculated as: 115% of last years sales.

Save your report as **r2g3.rpt** and generate the **r2g3.pdf** output as well.

[25 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 also be displayed. The final output can be previewed at **r3cr2008gp3.pdf**.

Save your report as **r3g3.rpt** and generate the **r3g3.pdf** output as well.

[25 marks]

Report 4

Write a report that will display an Interactive Order summary. The report contains one graphic files: **xtreme.jpg**. It should display the number of Orders and the total Orders per Country. Drilling-down on a Country should display the number of Orders and total Orders per Region for that Country. Drilling-down on a Region should show the number of Orders and Total Orders per City for that Region. Finally, drilling-down on a City should show the details about the Customers, Order ID, Order Amount, Order Date, etc...
The final outputs can be previewed at **r4cr2008gp3level0.pdf**, **r4cr2008gp3level1.pdf, r4cr2008gp3level2.pdf** and **r4cr2008gp3level3.pdf** .

Save your report as **r4g3.rpt** and generate the **r4g3.pdf** output as well.

[25 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/group3/** 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**.