

CISA 3351

TERM PROJECT PART I (50 points)

Create the ebook database in the Oracle APEX platform by running the provided script posted in the Assignments folder in Blackboard ([INSTRUCTIONS VIDEO](#)).

Create a navigation interface for the database application. Use appropriate navigation menus based on tabs and breadcrumbs. You can create the menu and the breadcrumbs as you create the reports. [5 points]

REPORTS

Create the following forms/reports in Oracle Application Express ([INSTRUCTIONS VIDEO](#))

Create an interactive report/form that lists all **subjects** and allows you to add/delete/update a subject record. [5 points]

Create an interactive report/form that lists all **sections** and allows you to add/delete/update a sections record. [5 points]

Create an interactive report/form that lists all **courses** and allows you to add/delete/update a course record. [5 points]

Create an interactive report/form that lists all **instructors** and allows you to add/delete/update an instructor record. [5 points]

Create an interactive report/form that lists all **ebooks** and allows you to add/delete/update an ebook record. [5 points]

SCHEDULE: Create a report that shows the university class schedule. Display the Course Code, Course Name, CRN, enrollment, book ISBN, the instructor name and the instructor e-mail. [5 points]

First create a view ([INSTRUCTIONS VIDEO](#))

Then use the view to create the schedule report ([INSTRUCTIONS VIDEO](#)).

CHARTS

Create a column chart that shows enrollment by college. [5 points each]

First create a view ([INSTRUCTIONS VIDEO](#))

Then use the view to create the enrollment chart ([INSTRUCTIONS VIDEO](#)).

Create a horizontal bar chart that shows ebook sales by Publisher. [5 points each]

First create a view ([INSTRUCTIONS VIDEO](#))

Then use the view to create the publisher chart ([INSTRUCTIONS VIDEO](#)).

Create a pie chart that shows ebook sales by College. [5 points each]

First create a view ([INSTRUCTIONS VIDEO](#))

Then use the view to create the college sales chart ([INSTRUCTIONS VIDEO](#)).

DELIVERABLE:

Submit the URL for your project to the corresponding Blackboard dropbox.

You can find a sample solution at:

<https://apex.oracle.com/pls/apex/f?p=115306>

DATABASE DIAGRAM

