

# ISYS 615

## SUMMER 2016 SEMESTER PROJECT

### Phase II – Queries

Due Date: Phase II, Friday, August 5<sup>th</sup>, 2015, Beginning of Class

In this final phase of the project, your team will query a MySQL database that you will create and populate using the data and scripts posted under the “Group Project (BPUB)” folder on eCampus.

### QUESTIONS

1. What books are required for each course (sort by course number)?
2. What are the ISBN and titles of all the unsold (available) books?
3. Which students have picked up their books?
4. List the books in BPUB’s current inventory and how many of each book they have in stock.
5. Which sellers received checks with check numbers between 150 and 156?
6. Which students have books in need of retrieval?
7. What is the least expensive copy of “C++ How to Program”?
8. What is the average cost of the book copies for each book?
9. Which students have not sold any books?
10. Which students have purchased a copy of “Marketing Strategy - A Primer” from us?
11. List the books required for the “Industrial Relations” course, along with the number of available copies for each book.
12. How many different students have tried to sell a copy of “Inside Outsourcing”?
13. How much money have we made by selling books to distributors?
14. How many different book copies have been retrieved by sellers?
15. List the first and last name of students who have both purchased a book from us and received payment from us for a sold book.

### PHASE II DELIVERABLES (150 Points)

What I want your team to deliver (via the BPUB PHASE II assignment under COURSE CONTENTS on eCampus) is a Word document which contains:

- Each of the 15 questions listed above
- The SQL for the query used to answer each of those questions
- The data result of each query. For this part, it may be easiest to export the query results to a .csv file (there’s a button for that) and then copy from Excel into the Word document. Copying directly out of MySQL results doesn’t retain the cell structure or the column headings.