**Abiodun Oke** DBS201 ASSIGNMENT-2 Worth 6%

DUE DATE: Nothing will be accepted after this date. It will get a zero.

Submit your document **BEFORE MIDNIGHT on Friday, March 31st**

**PLAGIARISM**   
When you submit an assignment, you are saying that the submission is your own work and as such you wish to be given credit for the work.

Q-1For the following user view, create a set of normalized 3NF tables. Be sure to show each step (UNF, 1NF, 2NF, 3NF) and mark Primary and Foreign Keys.

Q-2 Produce an ER Diagram that models your finished design

Project Management Report

Project code: PC010

Project Title: Pension System

Project Manager: M Philips Project Budget: $24500

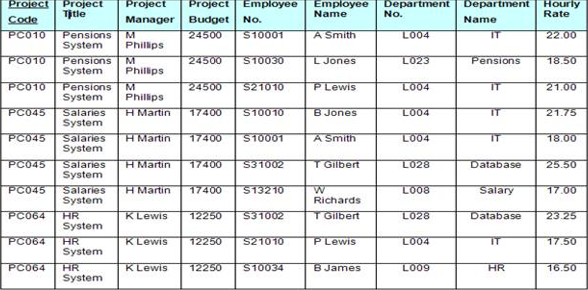
Employee No Employee Name Department No Department Name Hourly Rate

S10001 A Smith L004 IT $22.00

S10030 L Jones L023 Pension $18.00

Total Staff on Project: 4 Average Hourly Rate: $42.00

Use following data set for the user view:



UNF: PROJREPORT [**Project\_Code**(Project\_Title, Project\_Manager, Project\_Budget, Employee\_No, Employee\_Name, Department\_No, Department\_Name, Hourly\_Rate)]

1NF: PROJREPORT [**Project\_Code**, **Department\_No**, Project\_Title, Project\_Manager, Project\_Budget, Employee\_No, Employee\_Name, Department\_Name, Hourly\_Rate]

2NF: PROJREPORT [**Project\_Code**, **Department\_No**]

DEPARTMENT [**Department\_No**, Department\_Name, Employee\_No, Employee\_Name, Hourly\_Rate]

PROJECT [**Project\_Code**, Project\_Title, Project\_Manager, Project\_Budget]

3NF: PROJREPORT [**Project\_Code**, **Department\_No**]

DEPARTMENT [**Department\_No**, Department\_Name, Employee\_No]

EMPLOYEE [**Employee\_No**, Employee\_Name, Hourly\_Rate]

PROJECT [**Project\_Code**, Project\_Title, Project\_Manager, Project\_Budget]

ER Diagram:

|  |
| --- |
| **PROJECT**  **PK** Project\_code,  Project\_Title,  Project\_Manager,  Project\_Budget |

|  |
| --- |
| **PROJECTREPOET**  **PK** Project\_code  FK1 Department\_No |

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| **EMPLOYEE**  Employee\_No  Department\_Name  Hourly\_Rate |

|  |
| --- |
| **DEPARTMENT**  PK Department\_No  Department\_Name  FK1 Employee\_No |

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