

# Unit 18 Assignment 2 notes

## **P3, M2 — Implement a Database**

P3: screenshots of DB

- at least 3 tables

- existence of all relationships with ref integrity applied

- tables populated with at least 10 rows of data

M2: screenshots of importing data

- just import data from a spreadsheet or text file

## **P4 — Database Forms**

P4: screenshots and report for forms, ensure validity and integrity of data

main form needs:

- title

- buttons:

  - gardner access to add/edit/view work orders

  - passworded superuser access to add/edit work order

  - passworded superuser access to print orders/bills

- exit database

data entry/edit form:

- search

- date input validation

- input mask to capitalize names

- clear indication of required fields and error checking

## **P5, M3 — Querying the Database**

P5: screenshots and report of queries, use multiple tables and criteria  
health of a business in web with charts  
query/report of total sales  
query/report of top 5 customers  
query/report of customers per sales rep

M3: screenshots of exporting data

export data about users with outstanding bills a word processor and generate a mass mail reminder

OR

export the data to an email to message users a record of their order

## **P6 — Form Themes**

create forms:

using custom themes

use dropdown and date picker for easy data entry

use navigation objects like breadcrumbs

## **P7 — Database Testing and Logging**

test plan:

at least 10 tests

number for test

date of test

what is checking

details of test

expected outcome

passed?

problem number

test log:

number of the problem

number of the test

details of problem

details of how fixed

after done update the test plan showing re-run tests

## **M4 — Advanced Feature**

one advanced feature from:

- print/email a receipt
- show directions to site
- take photos on iPad of a finished job
- web portal dash board
- customer signature

## **D2 — Evaluate a Database**

design a questionnaire:

- appearance and legibility
- ease of finding functions
- providing all expected features
- whether interface is intuitive
- overall satisfaction
- suggestions for improvement

get a 100% real person to fill it in

analyse results

write about how database:

- has features to assist users
- how users complete tasks
- strengths and weaknesses of solutions
- issues raised with database
- how you could have avoided issues
- how you could improve database