IT 2202 Technical Paper Specification

Short Bond Paper

Logos/Brands must be colored, everything else can be B & W or Greyscale

Font: Times New Roman

Big Heading: 20px

Sub Heading: 14px

Normal Text: 11px

Margins: 1inch on all sides

Page Number at Bottom Right starting with Section I

No need for Table of Contents

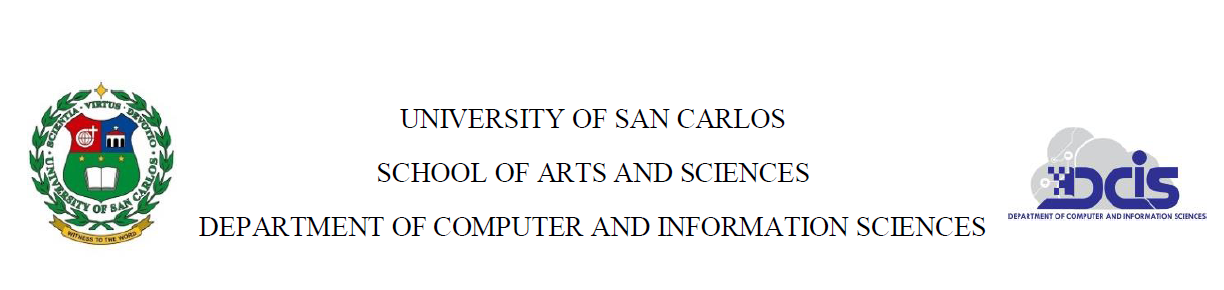
Final output must be **STAPLED.**

**THIS MUST BE SUBMITTED RIGHT BEFORE YOU PRESENT.**

**NO DOCU, NO PRESENTATION.**

\*Remember to remove all the red-colored text in the document. These serve as guides for when creating

your document



# [DFPPI Data Bank]

A PROTOTYPE

FINAL PROJECT OUTPUT

IT 2202

Database Systems

By:

Caboyo, Francis

Lee, YeHoo

I. Introduction

7Eleven Convenience Store

**Since** 2009

**Owner** Unknown

**Branches/Location**

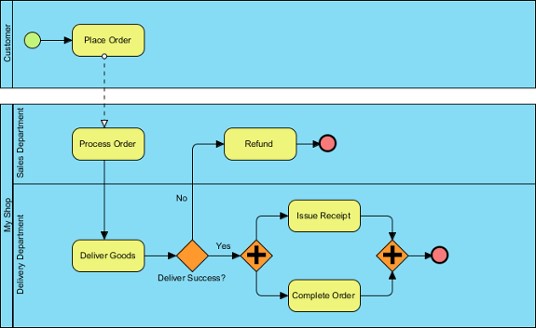
* Km., 12. Sasa, Davao CityKm., 12. Sasa, Davao

**Industry** Manufacturing **Employees** ~200

**Company History**

Davao Fibreboard Packaging Plant, Inc. (DFPPI) is a  manufacturer of high quality corrugated carton boxes and other packaging materials. Incorporated on December 27, 2007, it is formed to cater a wider-range of customers and more diverse markets.  
          The company had its first run on February 27, 2009 and commenced formal operations on August 7, 2009. The company's main products, corrugated carton boxes, are sold to direct fresh fruits (e.g. bananas and pineapples) exporting companies in  the region. On May 2009, DFPPI's registration for Custom Bonded Manufacturing Warehouse has been approved by the Bureau of Customs. DFFPI employs only highly skilled people armed with industry expertise, and first-rate machineries, upgraded equipments and facilities to be able to produce quality products and provide quality service.

Business Process

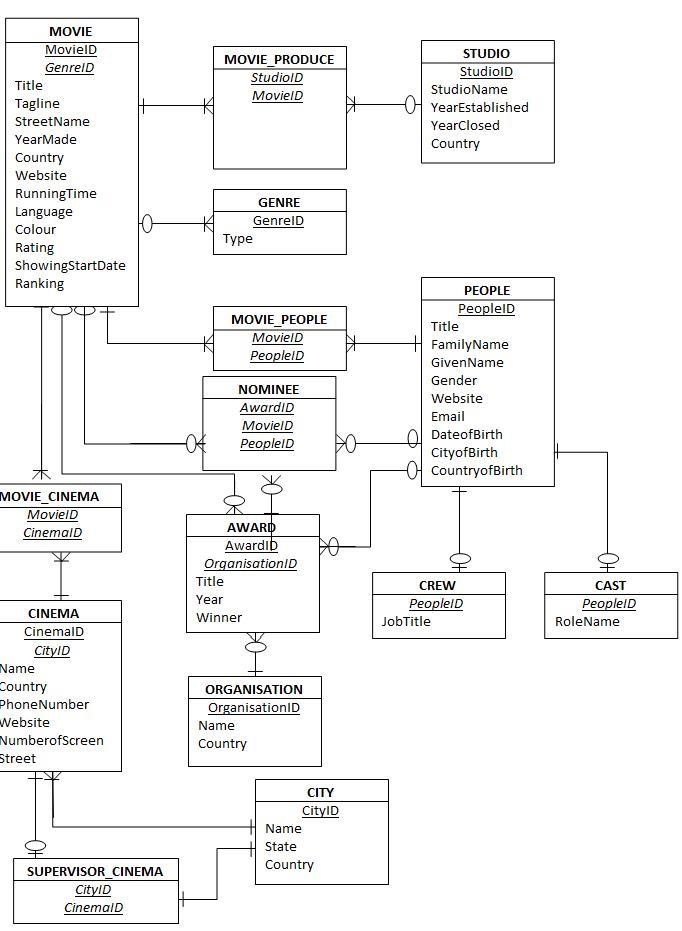


**Cab Company Business Process**

\*Similar to the output of your IT2101 output, but this time, remove the parts that your system does not cover/include.

UPDATED ENTITY RELATIONSHIP DIAGRAM

NON-Normalized ERD



Make sure to mark PK and FK

Remember cardinalities and ordinalities

Remove the entities not part of your system

Any entity / attribute displayed here but not part of the system will incur deductions in your final grade.

MODULES AND ROLES

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Module Name:** | **C** | **R** | **U** | **D** | **Done By:** |
| Module 1 Name | Y | Y | Y | Y | Person 1 Name |
| Module 2 Name | Y | Y | N | Y | Person 2 Name |
| Module 3 Name | Y | Y | N | N | Person 1 & Person 2 |

\*Y = yes (available in the system), N = no (not in the system) \*Done By: refers to who actually DEVELOPED the module.

\*Be honest with what you have and don’t have in your system

\*Basic CRUD operation is still **very much expected** in every module, unless it goes against the business process/rules. (ie, deleting in a sales module might not be allowed or editing sales details, etc.)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Administrator** | **C** | **R** | **U** | **D** | **Module Name:** |
| Priv | Y | Y | Y | N | User Accounts |
|
|
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: User (General)** | **C** | **R** | **U** | **D** | **Module Name:** |
| User | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Employee *(Sales & Finances)*** | **C** | **R** | **U** | **D** | **Module Name:** |
| Employee | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Employee *(Delivery & Transportation)*** | **C** | **R** | **U** | **D** | **Module Name:** |
| Employee | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Employee *(Human Resources)*** | **C** | **R** | **U** | **D** | **Module Name:** |
| Employee | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Employee *(Inventory)*** | **C** | **R** | **U** | **D** | **Module Name:** |
| Employee | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Level: Employee *(Production)*** | **C** | **R** | **U** | **D** | **Module Name:** |
| Employee | Y | Y | Y | Y | Module 1 Name |
| Y | Y | Y | Y | Module 2 Name |
| Y | N | N | N | Module 3 Name |
| N | N | N | N | Module 4 Name |
|  |  |  |  |  |  |

One table for every user type in your system.

\*Y = yes (this user can perform), N = no (not allowed for this user)

\*Enumerate what things are available for each user.

V. SQL Queries

|  |  |  |
| --- | --- | --- |
| SELECT customerName, customerAddress, phone, email FROM customers | | |
| **From**: customer\_table.php | **Expected Rows**: Many | **Output**: Table |

|  |  |  |
| --- | --- | --- |
| SELECT orderNumber, orderAmount, productName, qty  FROM orders  JOIN orderdetails ON orders.orderNumber = orderdetails.orderNumber WHERE orderstatus = 1 | | |
| **From**: order\_summary.php | **Expected Rows**: Many | **Output**: HTML |

|  |  |  |
| --- | --- | --- |
| SELECT COUNT(orderNumber), SUM(amount) FROM payments WHERE paymentDate = <PHP\_VARIABLE> | | |
| **From**: dashboard.php | **Expected Rows**: One | **Output**: Chart |

\*Output can either be Table, HTML or Chart.

\*HTML output refers to data from database that are not displayed a HTML table. (<p>, <div>, <li> etc..)

\*Queries with PHP variables can be denoted with <PHP\_VARIABLE>

\*Do this for every single query in your system.

Rubrics:

\*Just print as is and don’t change any of this. This part is for me to fill in.

|  |  |  |
| --- | --- | --- |
| **Presentation and Documentation** | |  |
| **Criteria** | **Weight** | **Score** |
| Mastery and Believability | 20% |  |
| Participation in Team Presentation | 20% |  |
| Content Development | 20% |  |
| Context and Purpose | 40% |  |

|  |  |  |
| --- | --- | --- |
| **Database System** |  |  |
| **Criteria** | **Weight** | **Score** |
| Queries | 40% |  |
| Functions /Features | 40% |  |
| Data Presentation | 10% |  |
| Readability | 10% |  |