L5DC SECTION (73)

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Report Date : 3 July 2025

The Project Report, In Partial Fullfillment of the
Level 5 Diploma in Computing (L5DC),
submitted to the NCC Education (UK)

Table of Contents

Abstract

Acknowledgement

Project Proposal

1. Edoc Doctor Appointment System Project Proposal

1.1 Overview

Edoc Doctor Appointment is a simple web-based system that makes it easier for patients to connect with healthcare providers. It allows clients of clinics and hospitals to request appointments online, replacing traditional manual booking methods with a faster digital process. Built with PHP, HTML, and CSS, Edoc offers a reliable and user-friendly solution for managing medical consultations and modernizing healthcare services.

The system has three main user roles: **administrator, doctor, and patient**. The administrator sets up doctor profiles, specialties, and login details. Patients can browse available doctors, view their schedules, and request appointments at suitable times. Doctors then manage these requests through their dashboards, reviewing schedules and confirming availability. This workflow provides convenience for patients and helps doctors organize their time more efficiently.

Edoc meets the rising demand for simple e-channeling systems. Competing platforms like *HealthConnect* and *MediBook* offer similar services, but Edoc stands out for its **simplicity and ease of use**. By focusing on a smooth user experience, it aims to attract patients and doctors who prefer straightforward solutions. Future improvements, such as payment integration and telehealth features, can further strengthen its role in the digital healthcare market.

1.2 Current Business History

THIRI Handmade Invitation was established in 2015 by Thiri in Ahlone Township, Yangon, Myanmar, at 122 (B), Moment Floor, Aung Zaya Road. From the start, the commerce has been devoted to making carefully assembled wedding solicitations. What sets this commerce apart is its completely manual operation every step, from recording client subtle elements to planning and conveying the ultimate item, is done by hand. This conventional approach permits personalized, point-by-point craftsmanship, which has become a trademark of commerce.

At first, a little, family-run operation, THIRI Handmade Invitation has developed relentlessly through word of mouth. Even though it remains a modest business with fair a

number of workers, Thiri's consideration of detail and commitment to client fulfilment have made a difference it securing a faithful clientele. The trade proceeds to flourish by advertising special, carefully assembled plans in a showcase that progressively favours personalized items.

1.3 Current Business Process

The processes in the business of making wedding invitation cards and presents are

- Record Customers Details
- Record Wedding Invitation Card Design
- Record Present Design
- Make an Appointment and Order
- Payment Process
- Delivering the Products

1.3.1 Record Customers Details

The process of "Record Customers Details" includes collecting and recording the customer details who are interested in ordering wedding invitation cards and presents. The owner of the business records the customer details such as customer names, customer contacts and wedding details. when the customers make an order for a wedding invitation card. In this process, customer preferences and requirements for the wedding invitation card are recorded. How the information store is in a book, and it is done manually.

1.3.2 Record Wedding Invitation Card Design

This process is also done manually by the owner. The process of "Record Wedding Invitation Card Design" involves documenting the designs which are made by them to show the customers who are interested in ordering a wedding invitation card. They record the design of the invitation cards, the color of the invitation cards, and the materials which are used to make wedding invitation cards. The prices are also recorded for each design and material. The prices for each design will be different because of the different materials' usage. This process makes the customers choose the design which fits with their preferences. The designs are stored as photos in photo albums.

1.3.3 Record Present Design

The "Record Present Design" also records the various designs of the present. This process is the same as the process of recording a wedding invitation card. Different kinds of

colours, designs, and materials are recorded. Customers can choose the presents easily as the present designs are recorded. Customized designs can be also ordered at this business.

1.3.4   Make an Appointment and Order

This process is for the customers who want to make the wedding invitation card. In this process, customers make an appointment with a phone call to the business. After making an appointment, customers come to the apartment to choose the design which is suitable for their preferences. If there is no design that customers like, they can order a customised design. The business will make customised designs for the customers. After choosing the design, colour, and material for the invitation card, customers make an order confirmation for the wedding invitation card. Create an order summary or invoice for the customer to review and approve before proceeding with production.

1.3.5   Payment Process

This process is for handling the payment for customer orders of wedding invitation cards. This process is related to the previous process. After an order is confirmed, the total amount for the order is verified depending on the customized design and other services. There are options that customers can choose for payment such as cash, online payment methods and others. The customer has to pay a deposit for their order for an invitation card when they confirm the order. Whether the customer is paying in cash or online, the owner of the business makes sure that the transaction is complete. The payment which is left can be paid when the orders are ready. The owner gives the receipt to the customer and records a copy of the receipt. At this stage, customer can choose whether their product is sent with delivery to them.

1.3.6   Delivering the Products

This process is delivering the customers' orders. This process is for the customers who choose the delivery service for their order. After the customers' orders are ready, the invitation cards and presents are prepared and packaged securely to have no damage. Organise to send the items to the customer's chosen place, either by delivery or by arranging for the customer to pick them up. After the items are delivered to the customers, the business follows up on whether the customers are satisfied with the products.

1.4 Current Business Issues (Manual System Issues)

There are issues which happen in the current process of this business.

1.4.1 Record Customer Details

In this process, the customer details are stored manually in books. At the start of the business, it was easy to record the customer's details. As there are more customers, it takes time to record the customer's details. For the book of customers records, they need to maintain them so as not to be damaged. It also takes places to store. The main issue is that they need to search for the customer in all of the books when they need to view the customer's details.

1.4.2 Record Wedding Invitation Card Design

There is also the issue of the process of recording wedding invitation cards. The issue is that they have to print out the photos and store them in photo albums. As the photos of wedding invitation card designs are stored in photo albums, the photos are going to be damaged because of the long time they are stored.

1.4.3 Record Present Design

Recording the wedding present designs issue is the same as the issue of recording wedding invitation cards. The storage of photos is damaged over time. They have an issue to take care of the photos not to be damaged. Even if they take care of the photos, there is more or less damage to the photos.

1.4.4 Make an Appointment and Order

As the process of making appointments is done manually by phone call, they forget to record the appointment sometimes because they are busy. Because of forgetting to record the appointment, they don't have a record to make a monthly or yearly record. When the orders are made, they have an error in recording order details. Sometimes, the total amount of orders is wrong, the wedding details are wrong, and others because they record the order details manually in books.

1.4.5 Payment Process

In this process, there is no issue with this current system.

1.4.6 Delivering the Products

The process of the current system doesn't have issues.

1.5 Proposed System Scope

Intro

To address the challenges faced by **THIRI Handmade Invitation**, transitioning from a fully manual process to a digital, technology-based system is essential. The proposed solution is to develop a comprehensive **website** that will automate many of the existing processes, reducing the time spent on manual tasks, minimizing errors, and ensuring better organization and efficiency. The website will be developed using the following technologies:

- **Frontend**: HTML, CSS, JavaScript, Bootstrap for user interface design and responsiveness.
- **Backend**: PHP for server-side scripting to handle customer interactions, order management, and appointments.
- **Database**: MySQL for storing customer information, designs, orders, and other business data in a secure, structured manner.

1.5.1 Digital Customer Management

The new system will include a customer database where customer details can be stored digitally. This will eliminate the need to manually write customer information in books, reducing the risk of damage or misplacement. The database will allow for quick and efficient search functionality, making it easy to retrieve customer details instantly. This will address the current issue of time-consuming searches through physical books and will help in maintaining customer data securely over time.

1.5.2 Digital Design Record Management

1.5.3 Appointment and Order Management

The process of recording wedding invitation card designs and present designs will be digitized. Instead of storing physical photos in albums, the system will feature an image gallery where all design samples can be uploaded, categorized, and stored safely. This will prevent the damage that occurs over time with physical photos and will allow easy access to all designs in a centralized, searchable system.

Appointment and Order Management

The website will include an appointment scheduling system to avoid errors and missed appointments due to manual recording. Customers will be able to book appointments online, which will automatically be saved to the system's calendar. The system will also generate monthly or yearly reports on appointments, improving the ability to track client interactions. Additionally, a digital order management system will be introduced, allowing for the accurate recording of order details. This will prevent errors related to miscalculated totals or incorrect wedding details, as the system will standardize and automate order recording.

Payment Integration

While the current system has no issues with payments, the new website will offer an optional online payment feature for added convenience. This will provide flexibility to customers who prefer paying online, and it will also streamline the tracking of payments.

Product Delivery Tracking

Although there are no major issues with the delivery process, the new system will include a delivery tracking function, where both the business and customers can monitor the status of product deliveries. This will add transparency and allow customers to know when they can expect their orders.

Admin Dashboard

An administrative interface will allow the owner to manage customer records, design galleries, orders, appointments, and delivery details from a centralized location.

Reporting

Automatic generation of reports on customer interactions, orders, and sales will help monitor business performance over time.

1.6 Aims and Objectives

1.6.1 Aims

The aim of this project is to develop a web-based system for THIRI Handmade Invitation to automate and streamline its business processes, improving efficiency, accuracy, and overall management while enhancing customer experience and business performance.

1.6.2 Objectives

Analysis

- Requirements Collect (Interview)   (1 week)
- SWOT Analysis   (2 days)

Similar System Research   (7 days)

- Functional Comparison
- Non-functional Comparison

Research (Need References)

- Methodology
- Programming Languages
- Databases
- **Usecase Diagram**

Design

- **Class Diagram**

Implementation

- Development for Timebox (1) (2 weeks)
-
- **-**

Evaluation

1.7 Estimate Cost and Duration

1.7.1   Hardware Cost

No	Item	Description	Unit Price	Quantity	Sub-Total
1	Desktop Computer	XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX	$ 1000	2	$2000
2	Printer	XXXXXXXXXXXXXX	$500	1	$500
				Total Hardware Cost	**$2500**

1.7.2   Software Cost

No	Item	Description	Unit Price	Quantity	Sub-Total
1	Operating System	Window 10 (XX Edition)	$50	2	$100
2	Antivirus	Avast	$5	2	$10
3	Browser	Chrome, Firefox (Free)	$0	0	$0
				Total Software Cost	**$110**

1.7.3   Development Cost

No	Item	Description	Unit Price	Quantity	Sub-Total
1	Web Development Cost	Language: PHP Database: MYSQL Pages: XXX Data Entry: FOC Training: FOC	$10000	0	$10000
2	Hosting Cost	XXXXXXXXXXX			
3	Domain Name Registration	XXXXXXXXXXX			

1.7.4   Summary Cost

Category	Cost
Software	
Hardware	
Development	
Total	$ XXXXXX

1.8 Project Plan (Gantt chart)

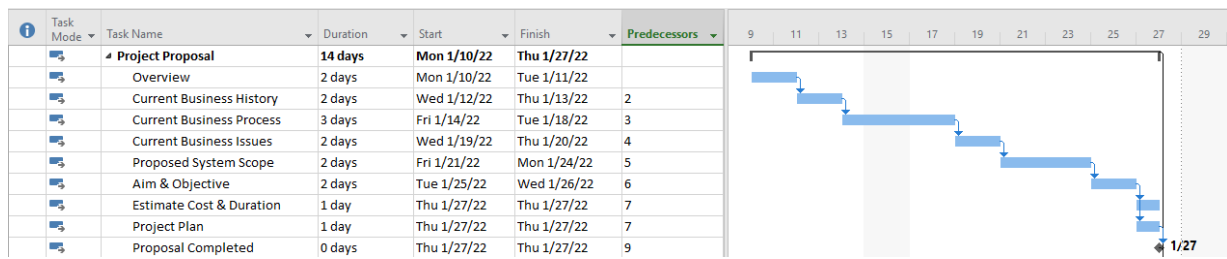|	Task Mode	Task Name	Duration	Start	Finish	Predecessors
		⊿ **Project Proposal**	**14 days**	**Mon 1/10/22**	**Thu 1/27/22**	
		Overview	2 days	Mon 1/10/22	Tue 1/11/22	
		Current Business History	2 days	Wed 1/12/22	Thu 1/13/22	2
		Current Business Process	3 days	Fri 1/14/22	Tue 1/18/22	3
		Current Business Issues	2 days	Wed 1/19/22	Thu 1/20/22	4
		Proposed System Scope	2 days	Fri 1/21/22	Mon 1/24/22	5
		Aim & Objective	2 days	Tue 1/25/22	Wed 1/26/22	6
		Estimate Cost & Duration	1 day	Thu 1/27/22	Thu 1/27/22	7
		Project Plan	1 day	Thu 1/27/22	Thu 1/27/22	7
		Proposal Completed	0 days	Thu 1/27/22	Thu 1/27/22	9

Fig (1) Project Proposal

???

Chapter-1

Introduction

1. Chapter – 1 Introduction

1.1   Background of the Current System

History

Current Business Process

Current Business Issues

1.2 SWOT Analysis (Current System)

Strengths

- XXXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXXX

Weaknesses

- XXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXX
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- XXXXXXXXXXXXXXXXXXXXXXXXXX

Opportunities

- XXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXXX

Threats

- XXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- XXXXXXXXXXXXXXXXXXXXXXXXXX

1.3   Proposed System Scope (Details Explain)

1.4   Aims & Objectives of the Project

1.5   Short overview of the remaining chapters

Chapter-2

Similar Product Comparison

(Investigation)

2. Chapter-2 Similar Product Comparison

2.1   Similar Product Introduction

Intro & explain & Screenshot

Unlimited Channel Website

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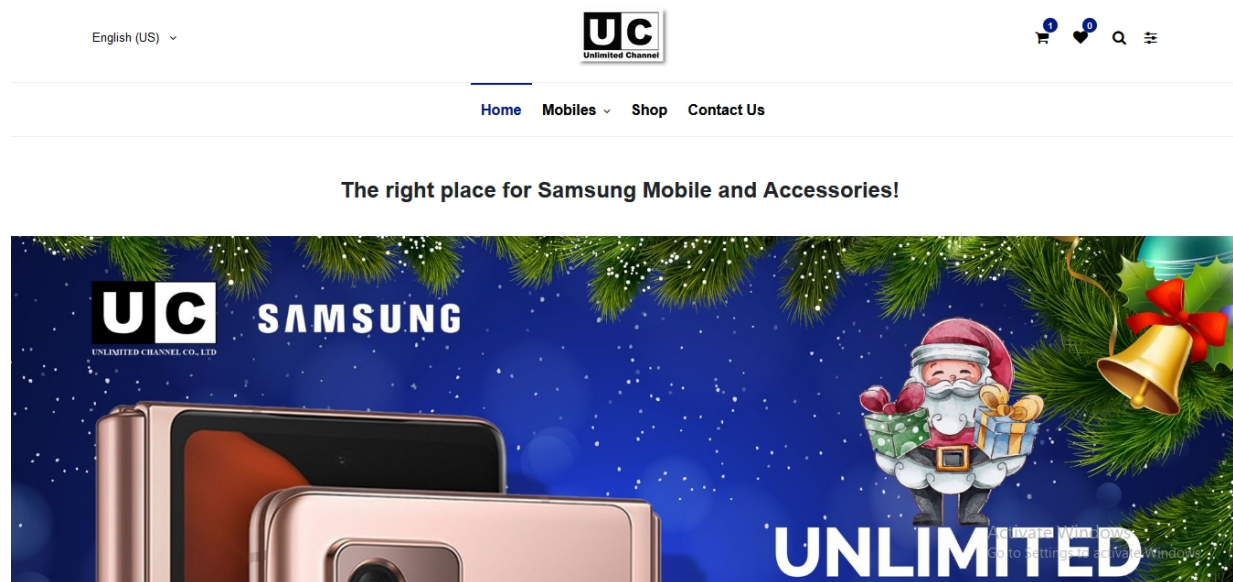XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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Fig (1) UC home page design

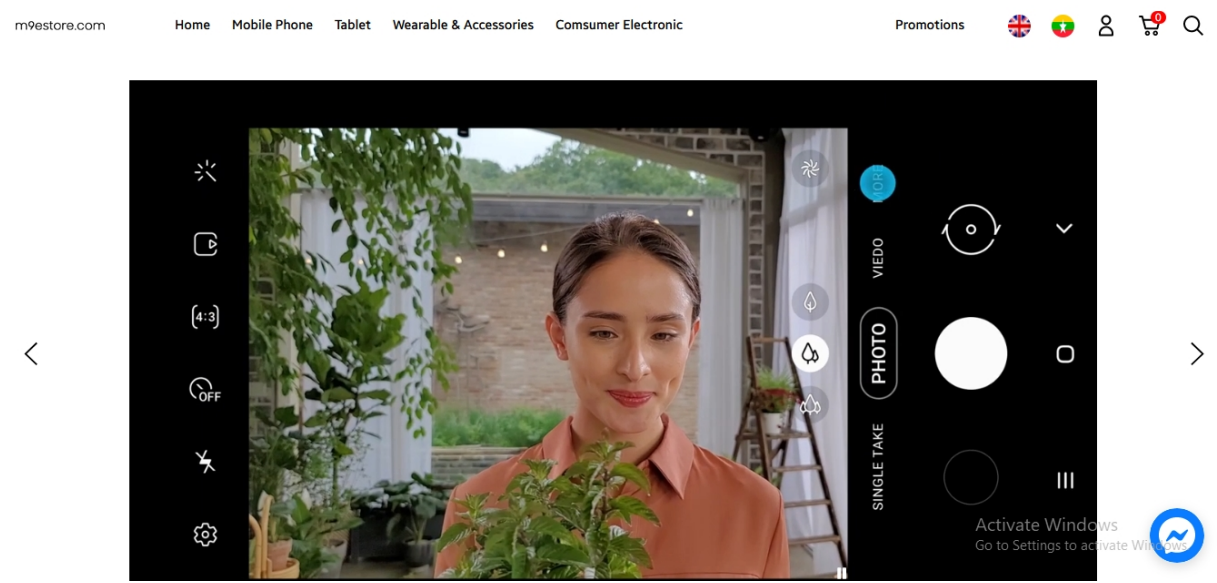**M9 E-Store Website**

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Fig (2) M9 home page design

2.2   Functional Comparison

(1) Customer Registration

Shop.com

Fig (1) Customer Signup Form from Shop.com (__)

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City Mall

Fig (2) Customer Signup Form from City Mall

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2.3   Non-Functional Comparison

10 Usability Heuristics

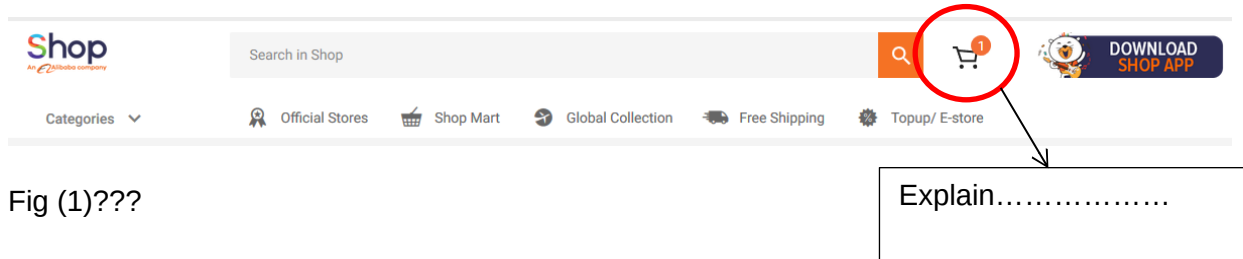**1. Visibility of System Status**

Explain??????????????????

Shop.com

Fig (1)???   Explain……………….

CityMall

Fig (2)???   Explain……………….
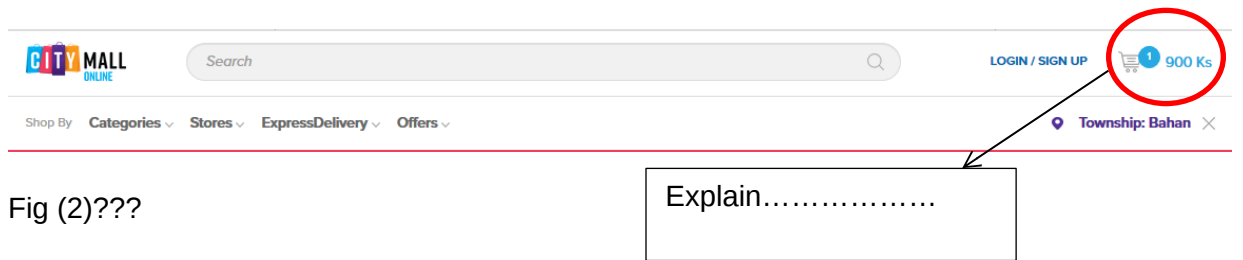
1. **Functional Comparison Evaluation**

No	Function	Shop.com	City Mall
1	Customer Registration	1 2 3 **4** 5	1 2 3 4 **5**
2			
3			
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5			
6			

Functional Comparison Summary

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2. Non-Functional Comparison Evaluation

No	Function	Shop.com	City Mall
1	Visibility of System Status	1 2 3 **4** 5	1 2 3 4 **5**
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Non-Functional Comparison Summary

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Chapter-3

Feasibility Study

3. Chapter-3 Feasibility Study

3.1 Technical Feasibility

3.1.1 Methodologies

A. Definition

DSDM (Agile)

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SSADM

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DSDM VS SSDAM VS Waterfall VS OOAD VS RAD VS Scrum

B. Strength and Weakness of each Methodology

Strength of DSDM

- XXX
- XXX
- XXX

Weakness of DSDM

- XXX
- XXX
- XXX

Strength of SSADM

- XXX
- XXX
- XXX

Weakness of SSADM

- XXX

- XXX
- XXX

C. Comparison of Methodology

Criteria	DSDM	SSADM
Timeline		
Size		

D. Recommendation for Methodology

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3.1.2   Programming Languages

A. Definition

PHP

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ASP.NET VS C# VS Python VS JSP (Java)

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B. Strength and Weakness of each Programming Languages

Strength of PHP

- XXX
- XXX
- XXX

Weakness of PHP

- XXX
- XXX
- XXX

Strength of ASP.NET

- XXX
- XXX
- XXX

Weakness of ASP.NET

- XXX
- XXX
- XXX

C. Comparison of Programming Languages

Criteria	PHP	ASP.NET

D. Recommendation for Programming Language

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3.1.3 Databases

A. Definition

MYSQL

Microsoft SQL Server VS Access VS PostgreSQL VS Oracle

B. Strength and Weakness of each Databases

C. Comparison of Databases

Criteria		

D. Recommendation for Programming Language

3.2   DSDM Feasibility (DSDM eight principles)

3.3   Possible LESPI (Legal, Ethical, Social and Professional) Issues

Legal Issues

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(c) XXXXXXX

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Ethical Issues

(d) XXXXXXX

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Social Issues

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(i) XXXXXXX

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Professional Issues (BCS Code of Conduct)

Sample: BCS Code of Conduct

- ○ The public interest
  - • E.g. legitimate rights of third parties
- ○ Duty to relevant authority
  - • E.g. conflicts of interest
- ○ Duty to the profession
  - • E.g. encourage, support, act with integrity
- ○ Professional competence and integrity – e.g.
  - • am I familiar with the technology involved, or have I worked with similar technology before?
  - • have I successfully completed similar assignments or roles in the past?
  - • can I demonstrate adequate knowledge of the specific business application and requirements successfully to undertake the work?

BCS

(j) XXXXXXX

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Chapter-4

Foundations

4.1 Target User

The target…

Type of User	Age	Computer skill / IT Literacy	Language skill (especially English skill)
Guests	18-70		
Managers	?	?	?
Operation Staff	?	?	?

Eg.

Type of user	Age	Computer Skill / IT Literacy	Language Skill (especially English)	Position
Customer	16 - 55	Basic to Intermediate (can browse, search, order online)	Basic English	End User
Supplier	25 - 55	Intermediate (portal use, updates stock info)	Intermediate English	Business Partner
Admin	20 - 55	Advanced (system management,	Advanced English	Admin of the webpage

		troubleshooting)		

4.2 Functional Requirement

1   Manage Purchase Process (Timebox 1)

Staff, Product, Supplier,Category

1.1 Manage Staff (HL) (M)

- Register Staff (ML)
    - o   Email already exists check (LL)
    - o   Password Length check (LL)
    - o   Check text Fields Null (LL)
- Update Staff
    Check ID
    Check Null
- Delete Staff
- Search Staff
- Staff Login

1.2 Manage Supplier (HL) (M)

- Register Supplier
- Update Supplier
- Delete Supplier
- Search Supplier

1.3 Manage Brand (M)

- Register Brand
- Update Brand
- Delete Brand
- Search Brand

1.4 Manage Category (S)

- Register Category
- Update Category
- Delete Category
- Search Category

1.5 Manage Product (S)

- Register Product
- Update Product

- Delete Product
- Search Product

1.6 Manage Purchase (HL) (C)

- Record Purchase (ML)
  - o Add Product (LL)
  - o Remove (LL)
  - o Calculate Total-Amount (LL)
  - o Calculate Total-Quantity (LL)
- Confirm Purchase
- Search & Report Purchase

Manage Order & Delivery Process (Timebox 2)

1.1 Manage Customer (HL)

- Register Customer (ML)

    Email already exists check (LL)

    Password Length check (LL)

- Update Customer

- Delete Customer

- Search Customer

- Customer Login

1.2 Manage Order (HL)

1.3 ?

1.4 ?

1.5 ?

4.3 MOSCOW Prioritization

Must

Must	Justification
Manage Staff	
Manage Supplier	
Manage Brand	

Should

Should	Justification

4.4 Non-Functional Requirements

1. **<u>Usability</u>**

2. **<u>Security</u>**

3. **<u>Performance</u>**

4. **<u>Interface</u>**

5. **Operational**

6. **Resource**

7. **Portability**

8. **Reliability**

9. **Maintainability**

10. **Safety**

11. **Recovery**

4.5 Time box Plan

Time box 1: Manage Purchase Process Time box

Time box Name		Manage Purchase Process Time-box	
Start Date		29 January 2021	
End Date		XXX	
Task	Duration	Start Date	End Date
Functional Requirement	1 day	July 20, 2018	July 20, 2018
Use Case Diagram	1 day	July 20, 2018	July 20, 2018
Class Design	1 days	July 23, 2018	July 23, 2018
Sequence Diagram	1 days	July 23, 2018	July 23, 2018
High Level & Low-Level Prototype	2	??	??
Coding	6 days	July 24, 2018	July 31, 2018
Functional Testing	1 days	August 1, 2018	August 1, 2018
Usability Testing	1 days	August 2, 2018	August 2, 2018
Time Box Summary	1 day	August 3, 2018	August 3, 2018

Key Deliverables (Output)

Requirement Gathering

• Use Case Diagram for Purchase Process

Design

• Class Diagram for Purchase Process

• Sequence Diagram for Purchase Process

• HL& LL Prototypes

Coding

• Manage Staff (CRUD)

• Manage Supplier (CRUD)

•

Testing

• Unit Test Document

• Usability Test Document

• Test Cases & Test Scripts for Time-box 1

Time box 2: XXX

Time box 3: XXX

4.6 Risk Management

Risk

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Risk Management

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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXX (__,__)

4.6.1 Identification of Possible Risks (10-12)

Technical Risk

- Virus Detect

    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXX

- Device Lost/ Destroyed

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- Error Detect and Project Late

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- **Security Risk**
- **Outsourcing Risk**
- **FR NFR Requirements Risk**

  Req Changes

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  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
  XXXXXXXXXXXXXXXXXXXXXXXXXXX

4.6.2 Risk Matrix (High-Medium-Low)

Risk	Probability	Impact	Proactive Action	Reactive Action	Risk Owner
Not enough experience	Medium	Medium	Learn about business process and discussion with the user	Discuss with supervisor about project	
Virus Detect					

4.6.3 Critical Success Factors for current project

Top management support

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The Whole System Use Case & Class

Chapter-5

Exploration & Engineering

5.1 Time-box 1: <mark>Manage Purchase</mark> Time-box Development

Project Plan for Time Box 1

	▲ TimeBox 1: Room and Table Booking TimeBox	15 days?	Fri 7/20/18	Thu 8/9/18		
	Functional Requirement	1 day	Fri 7/20/18	Fri 7/20/18	37	
	Use Case Diagra	1 day	Fri 7/20/18	Fri 7/20/18	40SS	
	Screen Design	1 day	Mon 7/23/18	Mon 7/23/18	41	
	Class Diagram	1 day	Mon 7/23/18	Mon 7/23/18	42SS	
	Sequence Diagram	1 day?	Mon 7/23/18	Mon 7/23/18	43SS	
	Coding	10 days	Tue 7/24/18	Mon 8/6/18	43	
	Functional Testing	1 day	Tue 8/7/18	Tue 8/7/18	45	
	Usability Testin	1 day	Wed 8/8/18	Wed 8/8/18	46	
	Time box Summary	1 day	Thu 8/9/18	Thu 8/9/18	47	
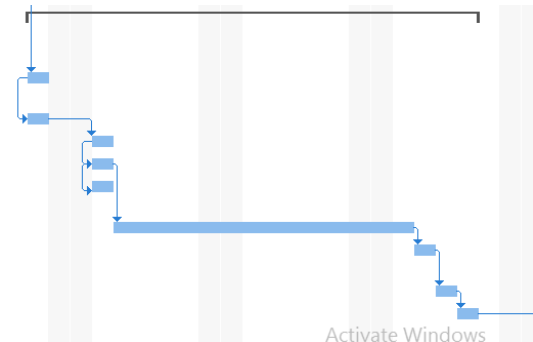
5.1.1 Functional Requirements List

Manage Purchase Process Timebox (1)

1.1 Manage Staff (HL)

- Register Staff (ML)

    Email already exist check (LL)

    Password Length check (LL)

- Update Staff

- Delete Staff

- Search Staff

- Staff Login

1.2 Manage Supplier

- Register Supplier

- Update Supplier

- Delete Supplier

- Search Supplier

1.3 Manage Brand

- Register Brand

- Update Brand

- Delete Brand

- Search Brand

1.4 Manage Category

- Register Category

- Update Category

- Delete Category

- Search Category

1.5 Manage Product

- Register Product

- Update Product

- Delete Product

- Search Product

1.6 Manage Purchase

- Record Purchase

- Confirm Purchase

- Search & Report Purchase

5.1.2 Use Case Diagram

Use Case Diagram for Room and Table Booking Timebox
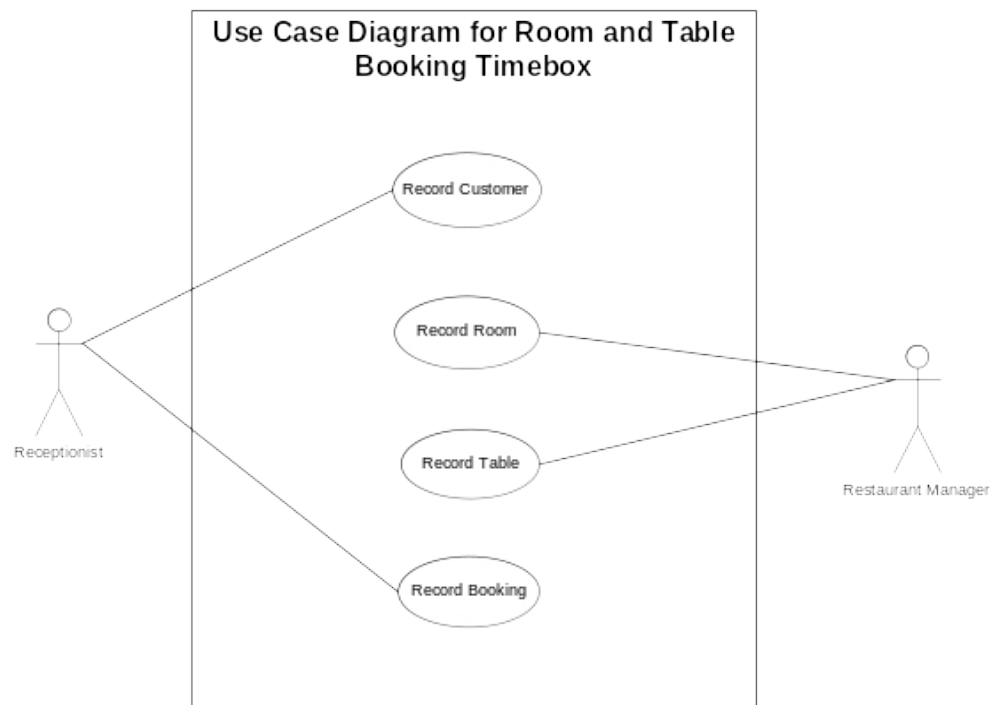
Use Case Description

Use Case Name	Record Customer
Actor	Receptionist
Flow of Event	Fill the customer details in the customer form. Register button is clicked.

For remaining, see Appendix.

5.1.3 Screen Design

1)   Customer Register Form

Fig (1) Low Level Prototype for Customer Registration

Fig (2) High Level Prototype for Customer Registration

5.1.4 Iteration for Screen Design

Iteration 1

Users tell that table form and room form design are needed to change. So, table style combo box is added in table entry form and room size combo box and Facility text box is also added in room form.

(Iteration 1) Screen Design for Customer Register Form

Before

Customer Name	Enter Customer Name
Phone No	Enter Phone No
Address	Enter Address
Email	Enter Email
Member Type	Choose Member Type ▾
	Register Cancel

After

Customer Name	Enter Customer Name
Phone No	Enter Phone No
Address	Enter Address
Email	Enter Email
Member Type	Choose Member Type ▾
	Register Cancel

5.1.5 Class Diagram

Initial Class Diagram
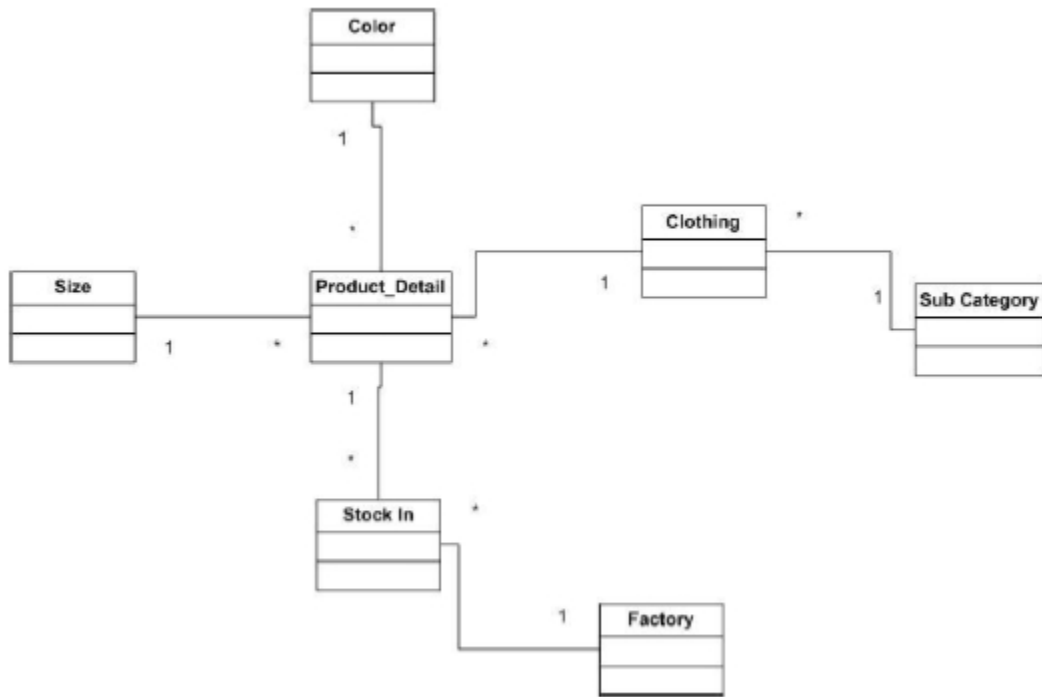
Detailed Class Diagram
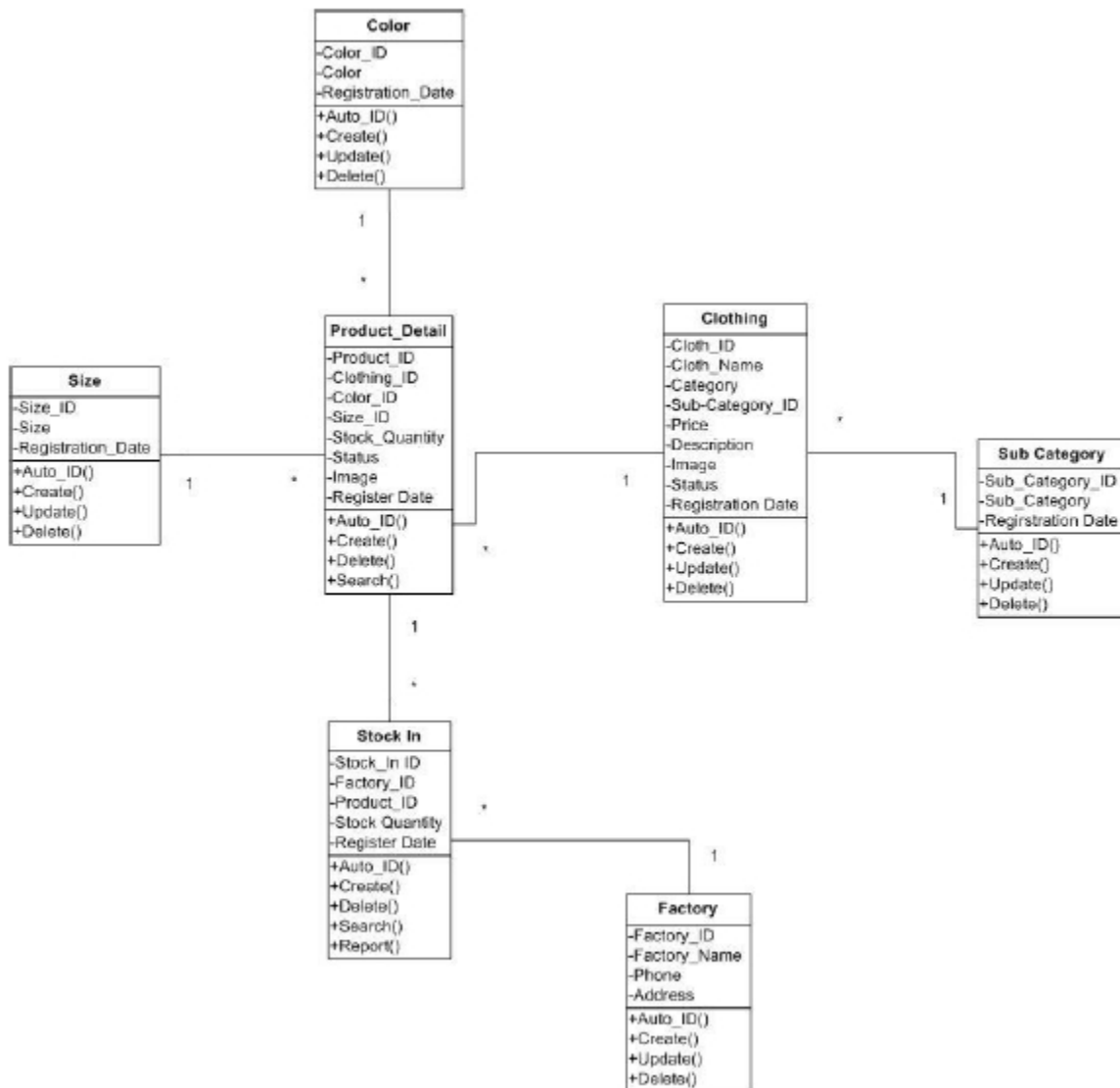
Detail Class Definitions

Class Name	Customer
Attributes	Customer ID, Customer Name, Phone No, Address, Email, Member Type
Operation	Register (),Cancel (), AutoID(), Checkdata()
Description	<< The **Customer** class is used to do register for customers who booked.>>

For remaining, see Appendix.

5.1.6 Sequence Diagram for Booking Process
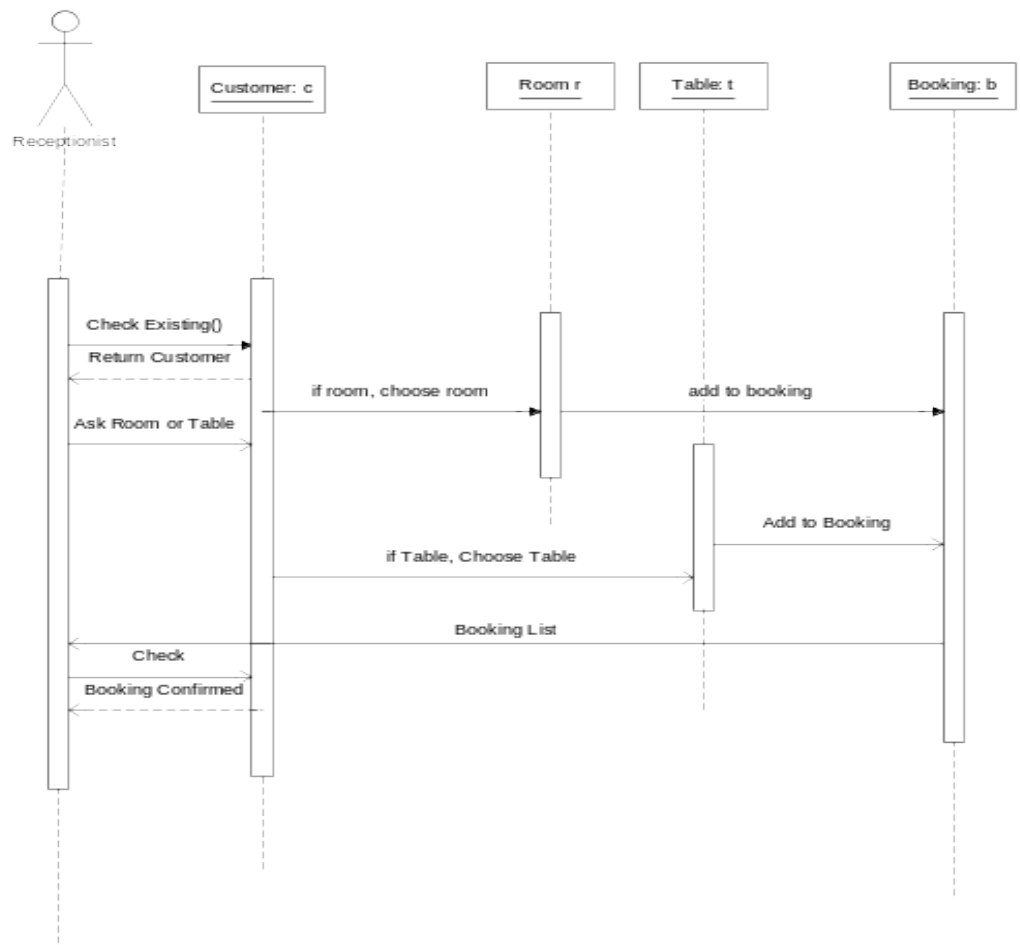
Sequence Diagram Description

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5.1.7 Functional Testing

Test Plan

Module 1: Customer Entry

Test Script	Description	Date	Tester
1.1	Test customer Name text box can be null or not	17- August- 2021	Shain Thu
1.2	Test Customer Phone no text box	7- August- 2018	Kyal Sin Linn
1.3	Test Customer Address text box	7- August- 2018	Kyal Sin Linn
1.4	Test the '@' in the E mail	7- August- 2018	Kyal Sin Linn
1.5	Test Customer Email text box	7- August- 2018	Kyal Sin Linn
1.6	Test Register Button	7- August- 2018	Kyal Sin Linn

Module 2: Supplier Entry
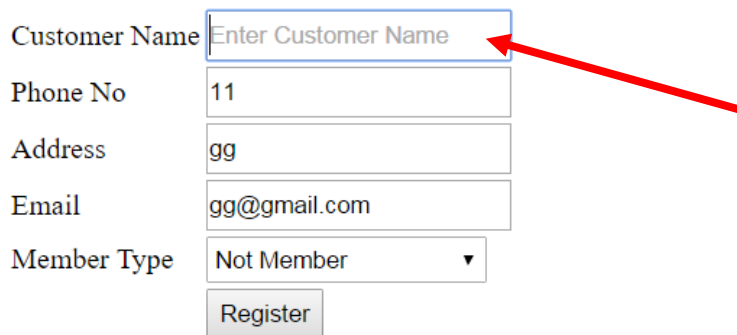
Test Script	Description	Date	Tester
1.1	Test customer Name text box	7- August- 2018	Kyal Sin Linn
1.2	Test Customer Phone no text box	7- August- 2018	Kyal Sin Linn
1.3	Test Customer Address text box	7- August- 2018	Kyal Sin Linn
1.4	Test the '@' in the E mail	7- August- 2018	Kyal Sin Linn
1.5	Test Customer Email text	7- August- 2018	Kyal Sin Linn

	box		
1.6	Test Register Button	7- August- 2018	Kyal Sin Linn

Test Script (1)

Unit Test 1		Test Case: Register by data entry customers	Designed by: Mg Mg	
Data Source: Customer Table		Objective: To test the Register of data entry customers	Tester: Mg Mg	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.1	Test customer Name text box	'Register' button is clicked. Customer Name is blanked.	Show 'Please fill out this field' message.	See Fig.1.1 & 1.2

Before Testing
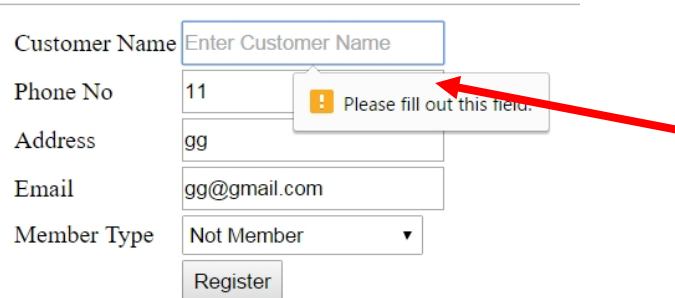
Fig.1.1

After Testing
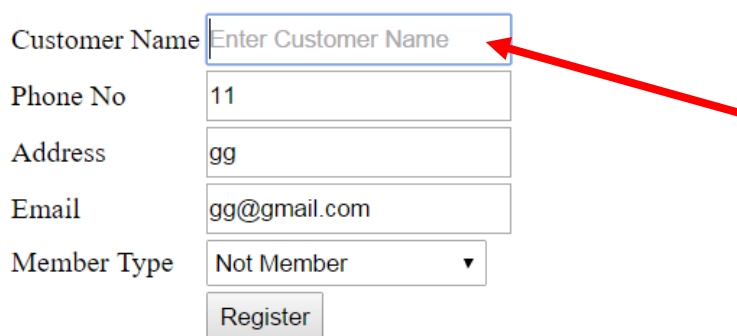
Fig.1.2

Test Case	Description	Test Procedure	Expected Result	Actual Results
1.2	Test Customer Phone no text box	'Register' button is clicked. Customer Phone Number is blanked.	Show 'Please fill out this field' message.	See Fig.1.2

Before Testing
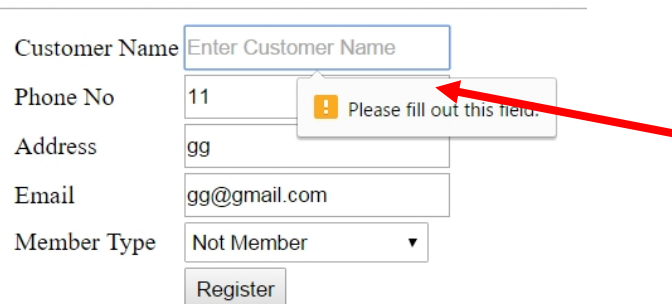
Fig.1.1

After Testing

Fig.1.2

For remaining test cases, please see Appendix.

5.1.8 Usability Testing

Visibility of System Status

Explain

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Match between System and Real World

Aesthetic and Minimalist Design

Consistency and standard

Error Prevention

User Control and Freedom

5.1.9 Iteration for Usability Testing

Iteration 2

   Users tell that table form and room form design are needed to change. So, table style combo box is added in table entry form and room size combo box and Facility text box is also added in room form.

(Iteration 2) Iteration For Visibility of System Status
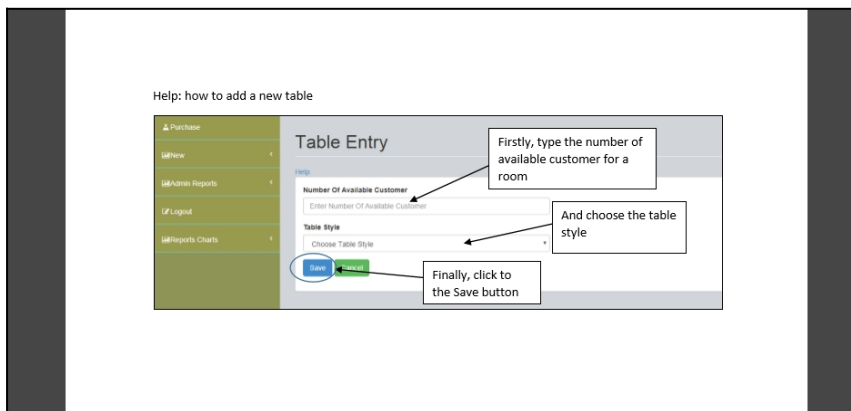
5.1.8 Time box Summary

Work Done

Problems (Issues)

Solutions

Remaining Time-boxes

CHAPTER – 6

Deployment

6.1 Deployment

6.1.1 Deployment Diagram
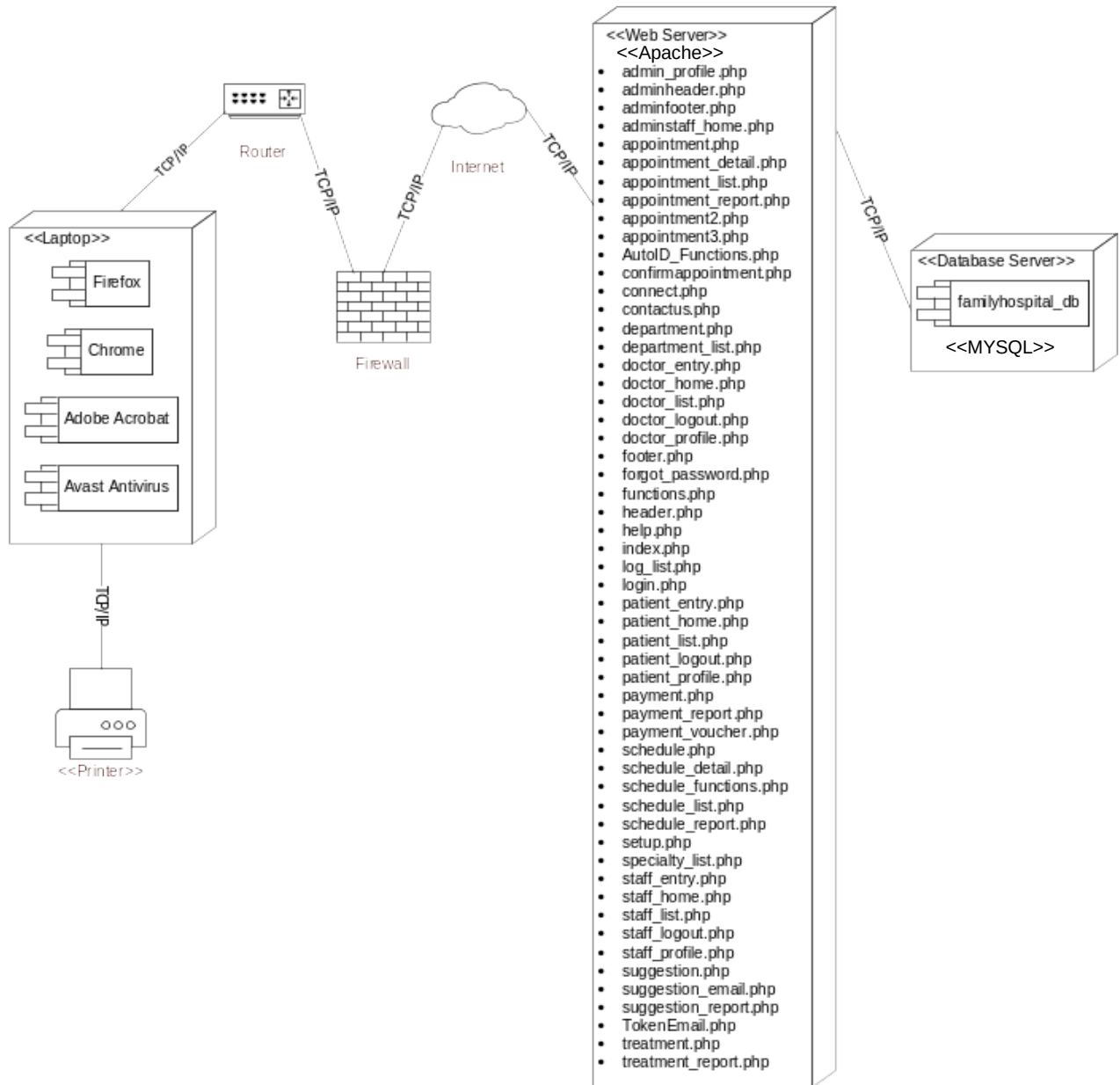
Explanation for diagram

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6.2 Data Migration

6.2.1 Data to Migrate

Explain

Time Box	Master Data	Transaction Data
Time Box 1: Table and Room Booking Time Box	Customer, Staff, Room, Table	Booking

6.2.2 Plan

TimeBox	Data To Migrate	Duration	Start Date	End Date	Responsible person
Time Box 1: Room and Table Booking Time Box	- Customer - Staff - Room - Table - Booking	4 days	9 August 2018	14 August 2018	Receptionist, Restaurant Manger
	-				
	-				
	-				

6.3 Training

6.3.1 Training plan

No	Content	Trainee	Start Date	End Date	Venue	Time
1	Time Box 1 - Customer - Room - Table - Booking - Staff	Receptionist, Restaurant Manager,	15 August 2018	17 August 2018	Jame Restaurant	5 pm – 7 pm
	-					
	-					
	-					

6.3.2 User Manual

CHAPTER – 7

CONCLUSION

&

7.1 Evaluation against Aim & Objectives

Aim

Objective 1

Analysis –

Objective 2

Design –

Objective 3

Coding –

Objective 4

Testing –
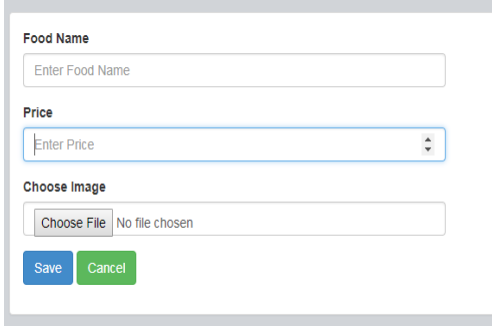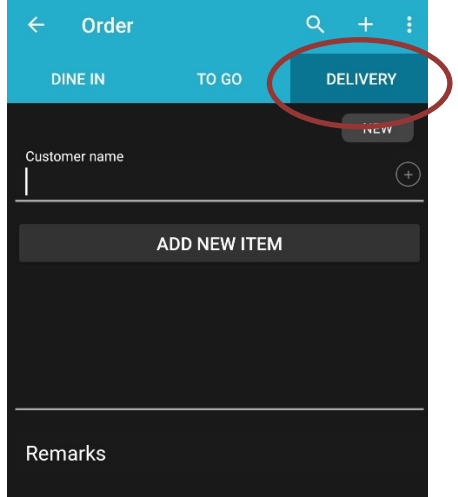
Objective 5

Training –

7.2 Evaluation Against Similar System

No	My System	Incy POS
1	Visibility of System Status The system status the selected text box in the specific color so the status of the system is said to be visible.	Visibility of System Status The system status the selected tab in the specific style so the status of the system is said to be visible.

7.3 Evaluation against Justification Made

Methodology

- Selected Methodology
- Problems Encountered
- Lessons Learnt

Language

- Selected Languages
- Problems Encountered
- Lessons Learnt

Database

- Selected Database
- Problems Encountered
- Lessons Learnt

7.4 Evaluation against Time Box Plan

Time Box 1: Room and Table Booking Time Box

When making the time box plan, the end date for time box 1 is 'August 9, 2018'. And time box 1 was finished with all the needed iteration within this date. Therefore, end date was matched with time box plan.

7.5 Personal Evaluation

7.6 Strength & Weakness of ABC POS

Strength

Weakness

7.7 Future Amendment

- Program
- Design
- Report

APP END IX

Section A: Use Case Descriptions

Timebox 1: Room and Table Booking Timebox

Section B: Detailed Class Definitions

Timebox 1: Room and Table Booking Timebox

Section C: Coding

Form	Function	Purpose
Ingredient Entry, Table Entry, Room Entry, Food Entry,	Save ()	To save the data from the forms into the database. When SAVE button is clicked the input data are loaded into variables and then using sql statements, inserting is made.
Shopping Cart Functions	AddProduct()	XXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX
Shopping Cart Functions	RemoveProduct()	XXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX

Section D: Test Scripts

Test Case	Description	Test Procedure	Expected Result	Actual Results
1.3	Test Customer Phone no text box	'Register' button is clicked. Customer Name is blanked.	Show 'Please fill out this field' message.	See Fig.1.2

Before Testing

Fig.1.1

After Testing

Fig.1.2

Section E: Interview Scripts

When interview with manager

References

References List