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Project Proposal

Project Proposal

Current Business Introduction

History

Clifford Chance is the international law firm which based in London, United Kingdom. Clifford Chance law firm include in the ten largest law firms in the world by the numbers of lawyers and revenue. Clifford Chance is formed by the merger of two London-based law firms which is Coward Chance and Clifford Turner in 1987. Mostly of Clifford Chance's partners are lawyers in the related areas, regions and country. Matthew Layton is managing partner and Malcolm Sweeting is senior partner of the law firm. The competitors of Clifford Chance are Linklaters, Freshfields Bruckhaus Deringer and Allen & Overy. Linklaters is a multinational law firm in London. Linklaters was founded in London in 1838 when John Linklater entered into a partnership with Julius Dods. Freshfields Bruckhaus Deringer is a multinational law firm in London. It was founded in 1743 when partner Samuel Doddas appointed solicitor to the Bank of England. Allen & Overy is a multinational law firm in London. It was founded in 1930 by George Allen and Thomas Overy, formerly partners at Roney & Co.

Process

Register Lawyer

Hire the lawyers. Save the lawyer's information.

Register Client

Save the client's information.

Request Case

Make a request by the client. Law firm receive the request from the client.

Service

Give training about the law to the participants.

Register Participant

Save the participant's information to attend the course.

Make Schedule

Make the schedule for the services.

Register Case

Save the case's data in detail.

Hire Staff

Hire the staff to support the lawyers and law firm.

Issue

Request Case

It a little complicate with register case.

Register Participant

Participant's data are complicate with client's data.

Estimate cost & duration

Estimate cost

Software cost

No	Name	Quantity	Amount	Total Amount
1.	Dream waver CS5.5	3	\$299.99	\$899.97
2.	Sublime Text	3	\$80	\$240
3.	Xampp	3	\$5	\$15
4.	Microsoft word 2016	2	\$109.99	\$219.98
5.	Microsoft project 2016	2	\$589.99	\$1179.98
6.	Operating system Windows 10	5	\$116.96	\$584.8
7.	Google Chrome	2	\$0	\$0

References

Below are the references of the prices over the particular websites:

- (ebay, 1995)
- (Text, 2017)
- (Sharma, 2015)
- (Microsoft, Microsoft, 2017)
- (Microsoft, Microsoft, 2017)
- (amazon, 1996)
- (INTERNATIONAL, 1997)

Hardware cost

No	Name	Quantity	Amount	Total Amount
1.	Desktop Computer	3	\$649.99	\$1949.97
2.	Laptop	2	\$279	\$558
3	Web Server	3	\$1000	\$3000

References

Below are the references of the prices over the particular websites:

- (Company, 2017)
- (Lenovo, 2017)
- (Talk, 1998)

License cost

No	Name	Quantity	Amount	Total Amount
1.	Dreamweaver	3	\$49.95	\$149.85
2.	Sublime Text	3	\$80	\$240
3.	Xampp	3	Free	free
4.	Microsoft word 2016	2	\$70	\$140
5.	Microsoft project 2016	2	\$25	\$50
6.	Operating system Windows 10	5	\$119	\$595
7.	Google Chrome	2	Free	Free

References

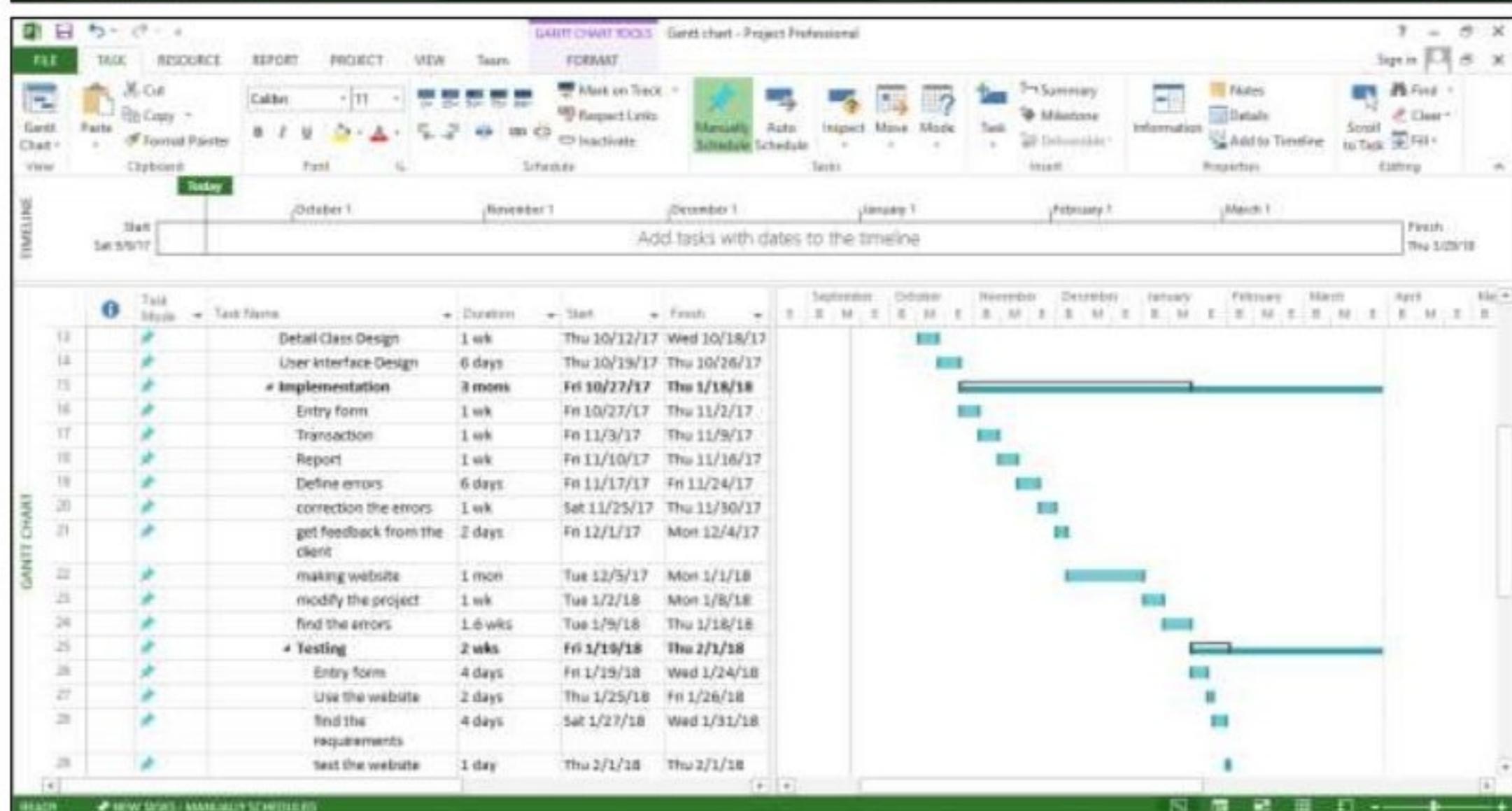
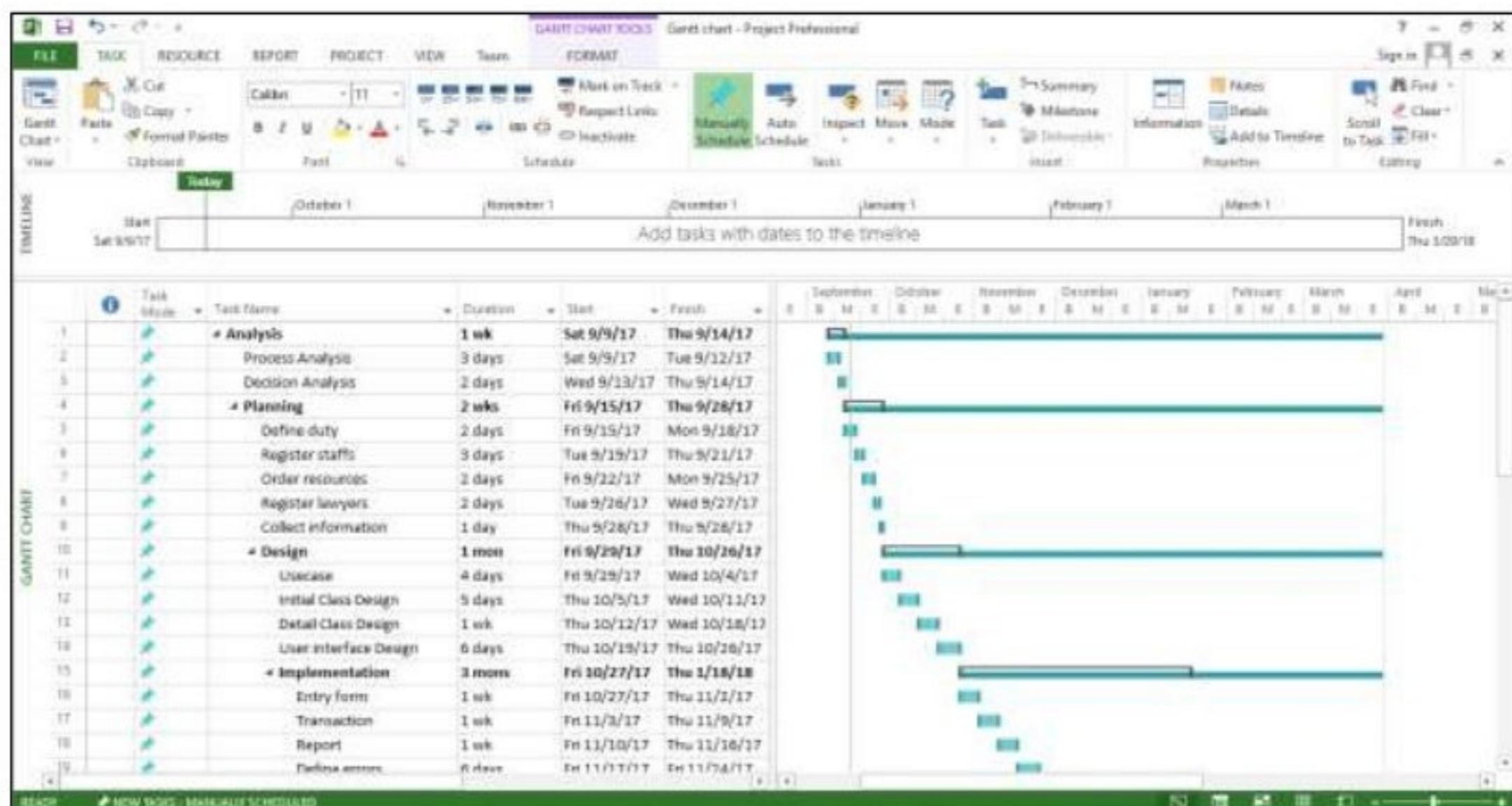
Below are the references of the prices over the particular websites:

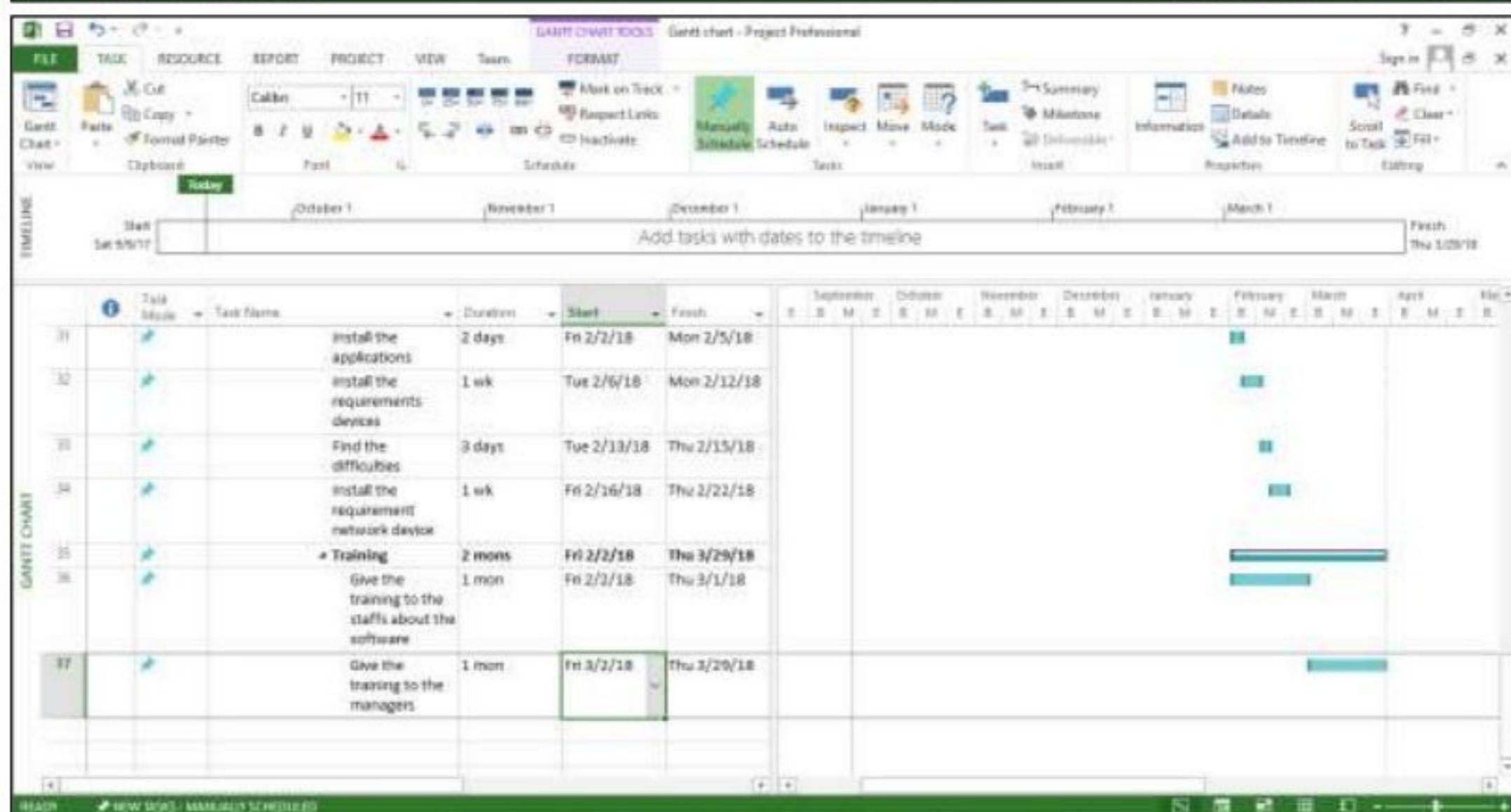
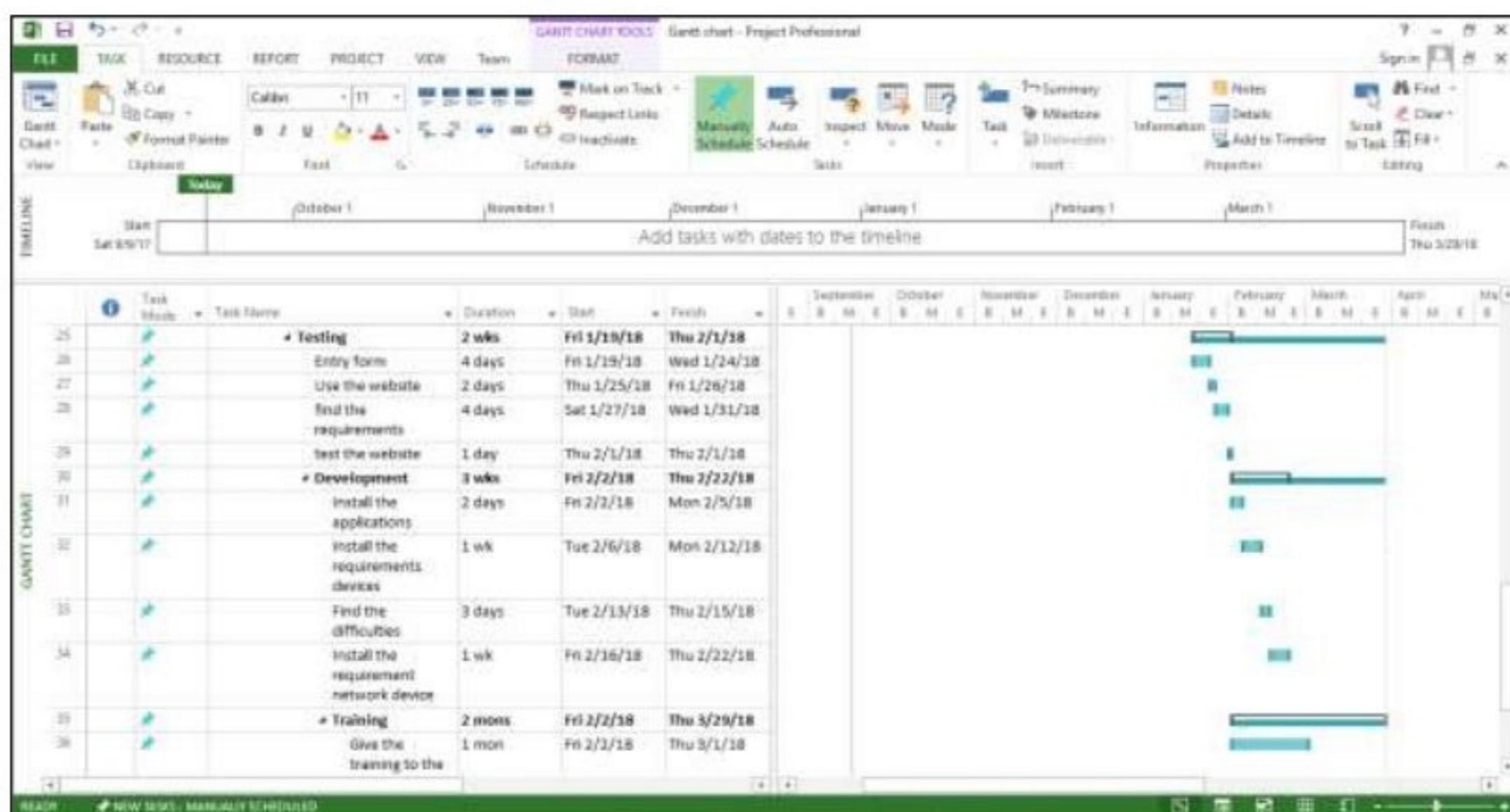
- (Depot)
- (Text, 3.0 (BUILD 3143), 2017)
- (Corporation, 2017)
- (Foley, 2015)
- (smartsheet, 2017)
- (Statt, 2015)

Estimate duration

- Analysis	1 week
- Planning	2 weeks
- Design	1 month
- Implementation	3 months
- Testing	2 weeks
- Development	3 weeks
- Training	2 months

Work Break Down Structure (Gantt Chart)





Chapter – 1

Introduction

Chapter – 1

1. Current Business Introduction

1.1 History

Clifford Chance is a multinational law firm which based in London, United Kingdom. Clifford Chance law firm include in the ten largest law firms in the world by the numbers of lawyers and revenue. Clifford Chance is formed by the merger of two London-based law firms which is Coward Chance and Clifford Turner in 1987. The first was Coward Chance which derived from a firm established in 1802 by Anthony Brown. Among the firm's clients, Cecil Rhodes is the Mostly of their partners are lawyers in the related areas, regions and country. Clifford Chance's practice areas are banking and finance, capital market, corporate and M & A, litigation and dispute, resolution, real estate, tax, pensions and employment. But Clifford Chance specialized in crime cases. The competitors of Clifford Chance are Linklaters, Freshfields Bruckhaus Deringer and Allen & Overy.

Linklaters is a multinational law firm in London which was founded in London in 1838, When John Linklater entered into a partnership with Julius Dods. Linklaters is known as Dods & Linklater developed a practice in cooperate law. Linklaters law firm was known as Linklaters & Co and merged with another law firm named Paines Plythe & Huxtable in May 4, 1920. Paines Plythe & Huxtable was founded by a descendent of Thomas Paine.

Freshfields Bruckhaus Deringer is a multinational law firm in London. Freshfields Bruckhaus Deringer was founded in 1743 when partner Samuel Doddwas appointed solicitor to the Bank of England. The practice areas of Freshfields Bruckhaus Deringer are banking and finance, capital markets, competition/antitrust, corporate/M&A, international arbitration, litigation, private equity, projects & energy and tax.

Allen & Overy is an international law firm in London. Allen & Overy law firm was founded in 1930 by George Allen and Thomas Overy. Allen & Overy law firm is a member of the UK' Magic Circle.

These are the references of history.

(Clifford Chance)

(Linklaters)

(Freshfields Bruckhaus Deringer)

(Allen & Overy)

1.1.2 Process

Register Lawyer

Law firm need to hire some lawyers. Law firm receives the cases which clients apply or request and the law firm introduce the client with the lawyer. Lawyer need to discuss and talk with the client about the case. And the lawyers need to do their duty at the court.

Register Client

Law firm receive cases which clients offer and need to save the data of all about the clients and their cases. Client data and about cases are saved with the manual system.

Request Case

Clients request their case to the law firm personally and law firm give the case to the lawyers who is on related fields.

Service

Give training about the law as some course. People who don't understand about law can attend these courses for free.

Register Participant

Save the participant's information to attend the course. To attend the courses, participants need to register first.

Make Schedule

Make the schedule for the service courses. For the people who want to attend the courses of law firm, need to have a certain schedule.

Register Case

Register the data of cases to make the record for the law firm. Save the record to look again after a long time.

Hire Staff

Hire some staffs for lawyers and some for law firm. For lawyers, need to hire someone who knows about law. For law firm, need to hire someone who has good behavior.

1.1.3 Issue

Request Case

It a little complicate with register case. Request case needs to do by the clients. Register case need to do by admin to save the case's detail.

Register Participant

Participant's data are complicate with client's data. Participants data are only need for service course.

1.2 Proposed System Scope

Many problems happen when the law firm runs with manual system. So this law firm needs to change to the computerized system. Law firm starts change to the computerized system by transforming the current processes into following functional requirements:

Register Lawyer

Make the record of the lawyer information and their case in the manual system make more complicate. So that kind of record are save in the computer make more easier than old system. And the lawyers in the law firm will be shown to the public through the website. So the public can know what kind of lawyers has in the law firm.

Register Client

Register the client information to contact from the law firm. Making the record of client in the old system make mistake sometimes. If make the record with computer, it can prevent from making mistake.

Request Case

If client want to request the case, they need to come to the law firm in personally in the old system. They can request case form the online website of the law firm with their account make easier.

Service

Some client and some people don't know about law. By creating the website, the law firm needs to announce the schedule of service course. And need to announce that all courses are free to attend also. They give the training to the clients and other people about the law and the protection law for them. They also give training to the staffs.

1.3 Aim & Object

1.3.1 Aim

- To increase Reputation

Some people don't know about this law firm. Our outcome and income don't equal. Outcome is greater than income. So we need to make our law firm more famous because need to increase the revenue.

- To get more clients

Our law firm doesn't come many clients. So our income is less than outcome. So we need to advertise about our law firm because we need to get more clients and need to increase the revenue.

1.3.2 Objective

- Create website

We need to create website because we can advertise about our law firm and can make to know more about law firm to the public.

- To increase popularity and reputation

We need to advertise about our law firm because let to know the public about the law firm.

- Explain about the Company's Service

We need to explain about our service to the public because the public and the clients don't know what kind of work do to their clients.

1.4 SWOT analysis

Strength

- Client can discuss with lawyers in detail from the start
- Most of people interested in service courses
- People know more about law firm

Weakness

- Client data need to save in manual system
- Data can be duplicate
- Some errors can be appear sometimes

Opportunity

- Can advertise about law firm
- Can get more income

Threat

- Have errors on data server
- Database can be lost

Chapter – 2

Literature Review

Chpater – 2

2.1 Method

Definition of DSDM and SSADM

DSDM

Dynamic Systems Development Method (DSDM) is an agile project delivery framework. DSDM is based on Rapid Applications Development (RAD) methodology. DSDM was used as a software development method. DSDM is an iterative and incremental approach to user or customer. DSDM uses the MoSCoW to adjust the project deliverable to meet the stated time constraint.

SSADM

Structured systems analysis and design method (SSADM) is a methodology. SSADM is a waterfall method. SSADM is a systems approach to analysis and design. Can't edit on progress and can't go back to last stage.

References

- (Dynamic systems development method)
- (Structured systems analysis and design method)
- (Definition of SSADM)

Strength and weakness of DSDM

Strength	Weakness
DSDM is more than anything about improving communications between all parties involved in the development of a system.	DSDM is the relatively high barrier to entry.
DSDM are most easily applied in system, and it can be used in large project.	DSDM lacks in detail for developers.
DSDM are after developers produced a product, a larger number of documents will be required to explain the product, and there are some models and documents maintenance the product.	Switching to DSDM is neither cheap nor fast, and requires a significant cultural shift in any organization.

Strength and weakness of SSADM

Strength	Weakness
Resources equipped with skills to manage SSADM process stages at different levels of technical and professional expertise.	It has a long development times because every stage must be completed before moving on to the next stage.
It is free, a standard available for use by all in the industry, and many companies offer training, support and CASE tools for it.	It costs time and money, Organizations must have large resources.
It has been one of the widely recognized and accepted standards for information systems analysis and design across UK.	It's not flexible.

Comparison of SSADM and DSDM

SSADM	DSDM
SSADM is based on the traditional Structured Programming techniques.	DSDM is based on RAD.
SSADM uses the "waterfall" methodologies.	DSDM use software development methodology and rapid application development (RAD) method.
SSADM doesn't support iteration.	DSDM have iteration.
SSADM was available for long term project.	DSDM was available for short term project.
SSADM doesn't have user involvement.	DSDM have user involvement.

Recommendation

This project is not the long term project. So SSADM doesn't need in this project. SSADM doesn't have user involvement. DSDM is the most suitable for this project and DSDM have user involvement.

2.2 Language

Definition of PHP and ASP.net

PHP

PHP is a server-side scripting language. PHP is designed for Web Development. PHP code can be used in combination with web template systems, web frameworks, so on. PHP code can be inserted into the HTML of web page.

ASP.net

ASP.net is an open source web framework. ASP.net is designed for web development to produce dynamic web pages. ASP.net was developed by Microsoft. Programmers use to build dynamic website, web applications and so on.

References

(PHP)

(ASP.NET)

Strength and weakness of PHP

Strength	Weakness
PHP can access over 20 different databases.	PHP cannot be executed on the client.
PHP can generate unique session ID.	All people can see the source code because PHP is open source.
Contain many advanced features for professional programmers.	The server might be slowed down while multiple PHP applications are executed.

Strength and weakness of ASP.net

Strength	Weakness
Fully integrated IDE available	Can run only on MS windows
Linux and Mac support through third parties	Managed code can be slower than native code
Many languages available	Multi-platform isn't available straight after installing Visual Studio

Comparison of PHP and ASP.net

PHP	ASP.net
Anyone can develop a framework	The frameworks are developed by Microsoft
PHP was available for small project	ASP.net was available for large project
PHP use MySQL server.	ASP.net use SQL server.

Recommendation

ASP.net frameworks are developed by Microsoft. It is already fixed. It can't be change the frameworks. Developer from the project can develop a framework as the customer want by using PHP. And this project is the small project, PHP is the most suitable for this project.

2.3 Database

Definition of MySQL and Oracle

MySQL

MySQL is an open source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter and "SQL", the abbreviation for Structured Query Language. MySQL is written in C and C++.

Oracle

Oracle is a database which is a relational database management system (RDBMS) from Oracle Corporation. Oracle database is one of the most trusted and widely-used relational database engines. Oracle database has own network component to allow communication across networks.

References

(MySQL)
(Oracle Database)

Strength and weakness of MySQL

Strength	Weakness
MySQL has the biggest market share of any open source database.	Need to purchase a license.
Low system source requirements	Lack of certain SQL features
Availability of source code	Lack of thorough testing on certain platforms

Strength and weakness of Oracle

Strength	Weakness
An Oracle database can run on all major platforms	Oracle database is complexity
Oracle fully supports all industry standards and provides full support to developers.	The password can be brute forced using a password cracker
Oracle supports online backup and recovery and has a wealth of development tools	Datafiles can be copied

Comparison of MySQL and Oracle

MySQL	Oracle
MySQL is an open source relational database management system.	Oracle is an object-relational database management system.
MySQL does not offer inline views, role based security, etc.	Oracle offers inline views, role based security, etc.

Recommendation

This project is not the long project. So we can't afford for many requirements. So for this project MySQL is the most suitable database.

Chapter – 3

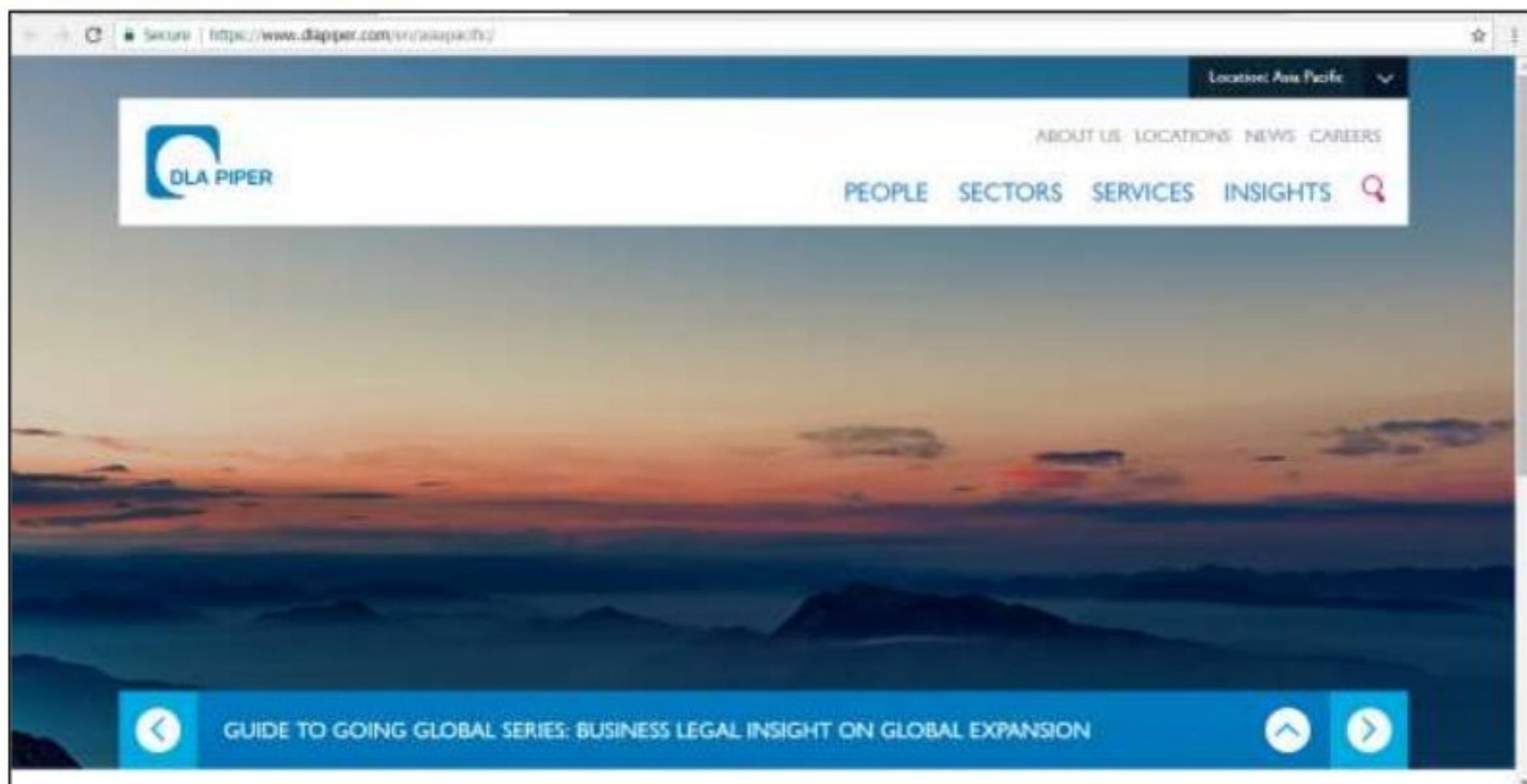
Similar Websites

Chapter – 3

1. Comparison of two similar websites

DLA Piper Global Law Firm

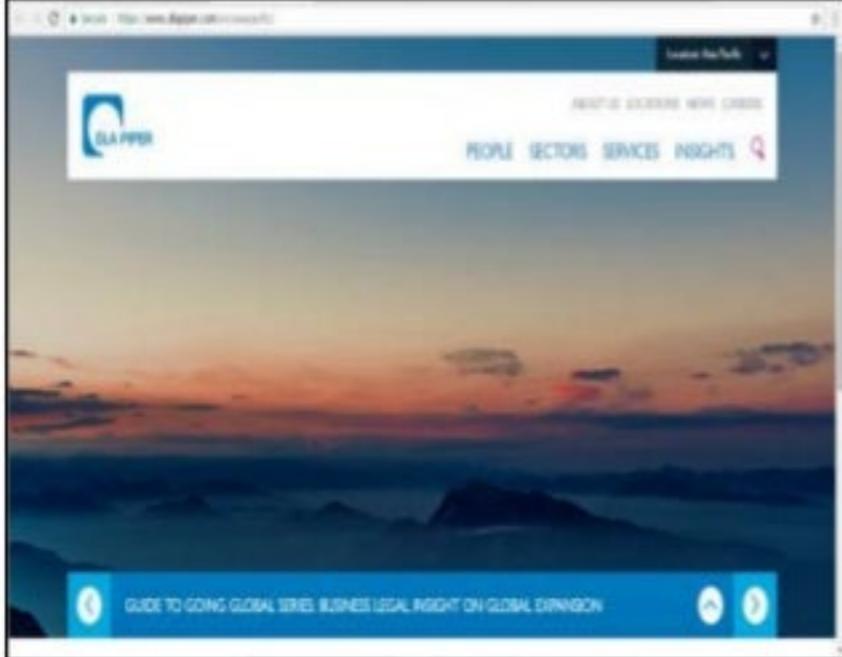
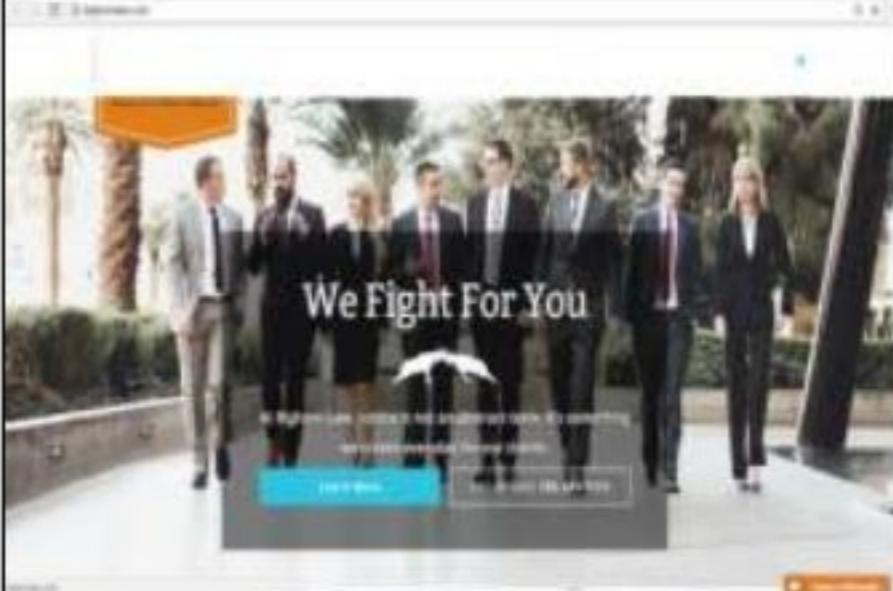
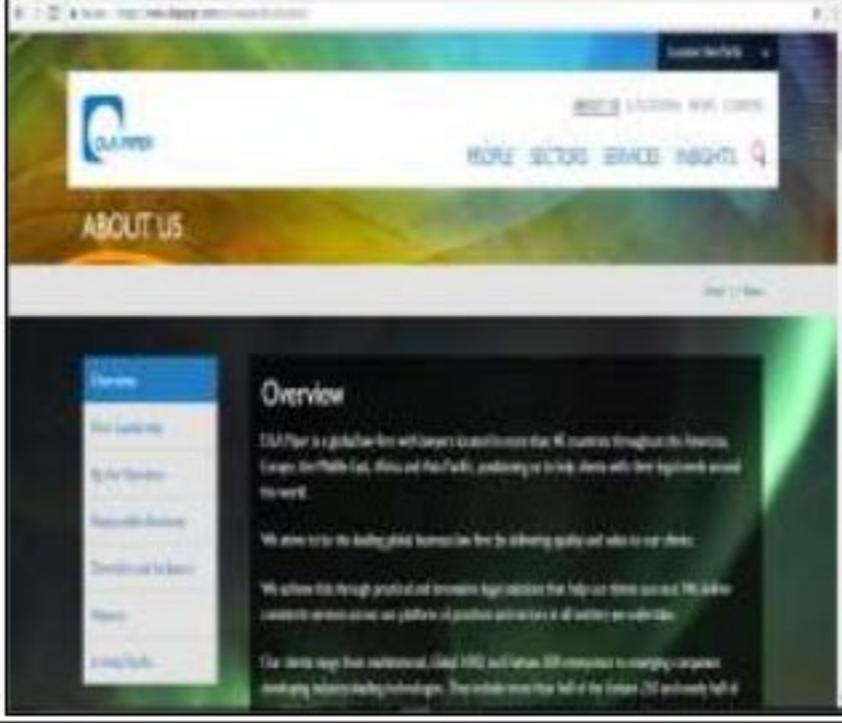
<https://www.dlapiper.com/>



Bighorn Law

<http://bighornlaw.com/>



Criteria	DLA Piper Global Law Firm	Bighorn Law
Home Page		
Search box		
About Us		
Location		

Practice Areas		
Result		
Blog		

Strength and weakness of DLA Piper

Strength	Weakness
It contain search box	Home page can't understand clearly
Contain about us page	Not contain result page
Contain Location page	Search box isn't usability

Strength and weakness of Bighorn Law

Strength	Weakness
Contain result page	Not contain location page
Contain blog page	

Recommendation

When I make a website, I'll add about us page, result page and blog page. And I'll make the website to become usability.

Chapter – 4

Analysis

Chapter – 4

4.1 Functional

Register Lawyer

In this website, register the lawyer is very important. Lawyer page is really need in the law firm website. Public need to know what kind of lawyer in the law firm. That's why this task is functional.

Register Client

Client register is needed because law firm need to contact the client to tell about their case. So in this task, law firm should keep the information about the client which they need.

Request Case

Law firm can work after the client's make request for their cases only. If client don't make any case request, law firm can't do anything.

Give Service

Law firm need to explain about their services with details. Make the client understand about the services easily.

4.2 Non-functional

4.2.1 Global

Security

Security is not very important. But make the website more secure will be good. And improve the security in future.

Performance

The system performance doesn't need the best at first. But after some time, the performance will be decrease. So need to maintain and improve the performance.

Safety

The website needs to be safe. This is not very important. Many information uses in website, the website need to be safe. Make the security improve is safety and good. The information of the clients is the secret. So make the security of client's information and their case better and need to careful not to leak. backup

4.2.2 Individual

Register lawyer

It has no limit how many lawyers need to register per one day. But in the website only 15 lawyers can register.

Register client

30 clients can register per one day. 2 clients can apply to each lawyer in one day.

4.4 MOSCOW Prioritization

Functional	Must	Should	Could	Would
Register Lawyer	✓			
Register Client	✓			
Request Case		✓		
Service			✓	

4.5 Reason for function

Must

Register Lawyer

If there is no lawyer, there is no point to do this website for law firm.

Register Client

If there is no client's data, law firm can't make a contact with clients.

Should

Request Case

Clients need to request the cases. If clients don't request case, law firm don't know what they need to do.

Could

Service

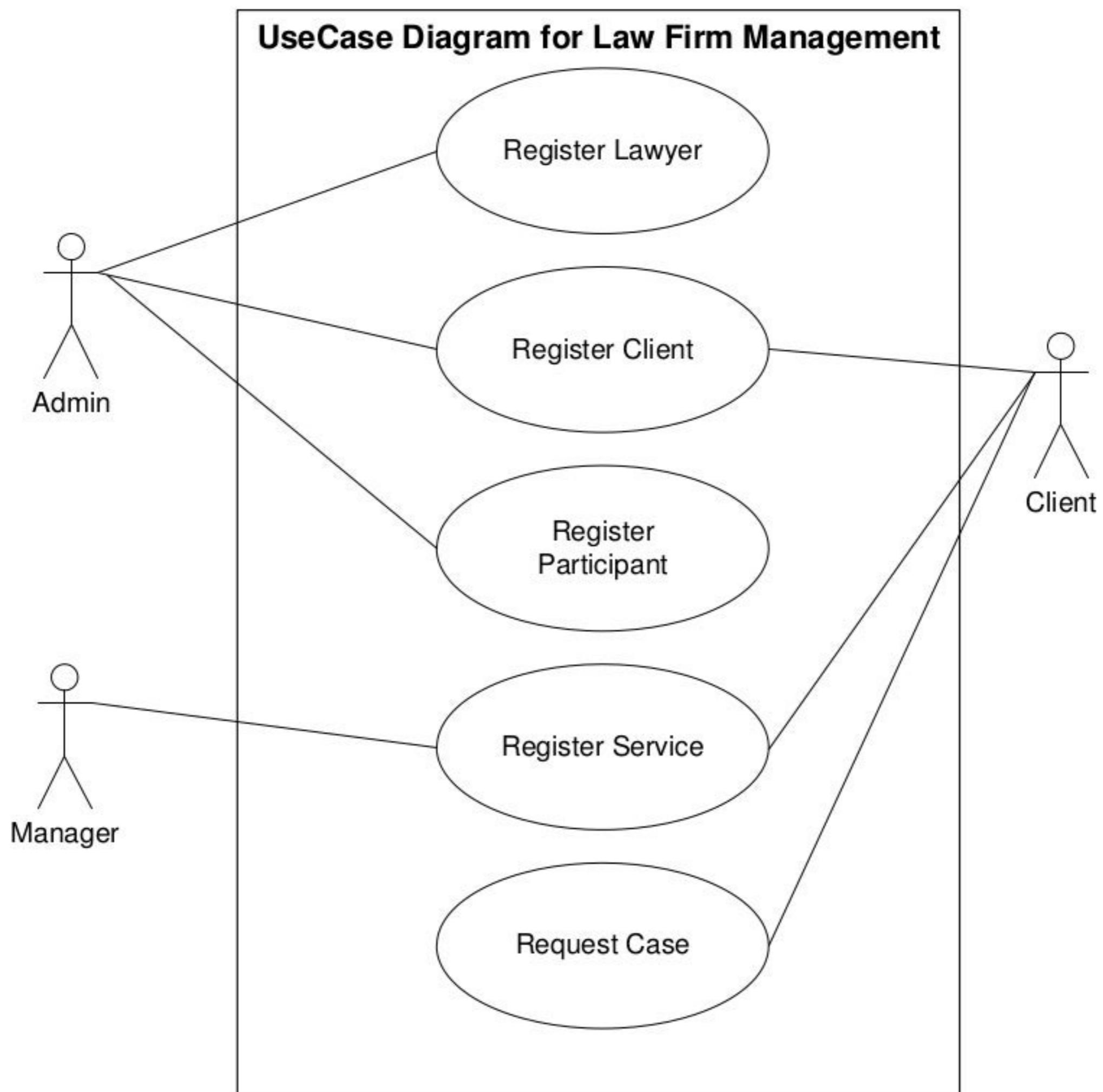
Services are free. So law firm can fix about service depend on situation.

Chapter – 5

Use Case and Initial Class Diagram

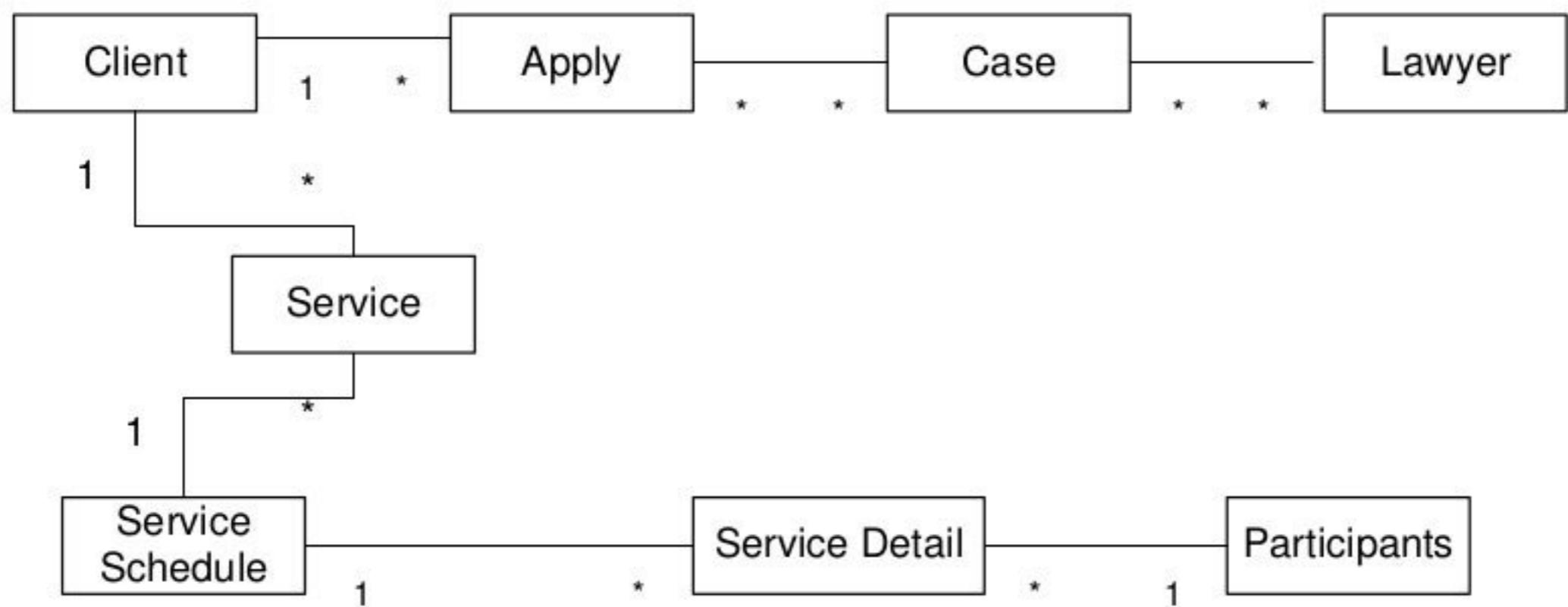
Chapter – 5

5.1 Use Case Diagram

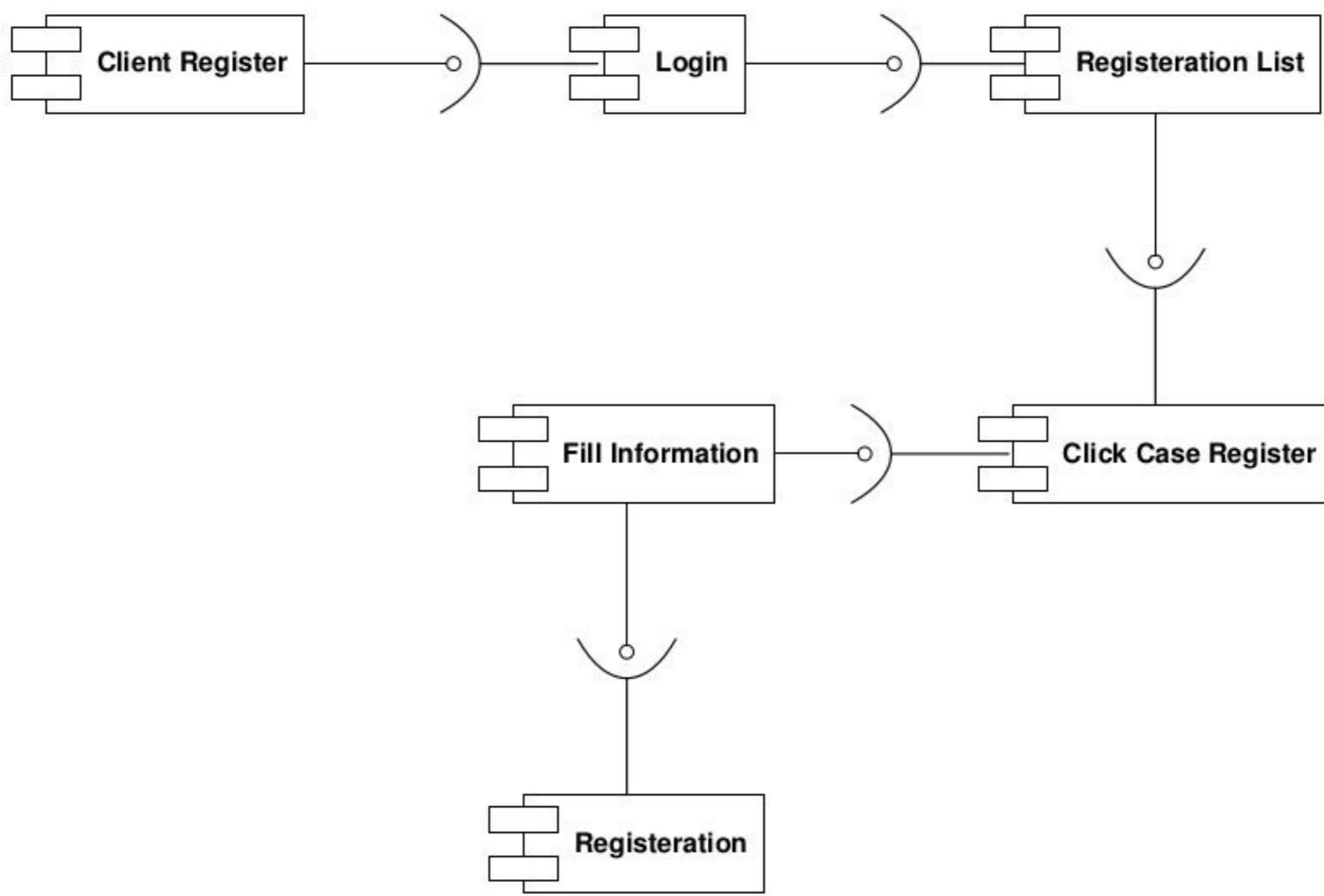


5.2 Initial Class Diagram

Initial class diagram for Case Applying



5.3 Component Diagram for Case Registration



Explanation

Component diagram is made to show the functions that are done to allow to client to register case in the website. Connect each components with connectors, such as smart connector, interface.

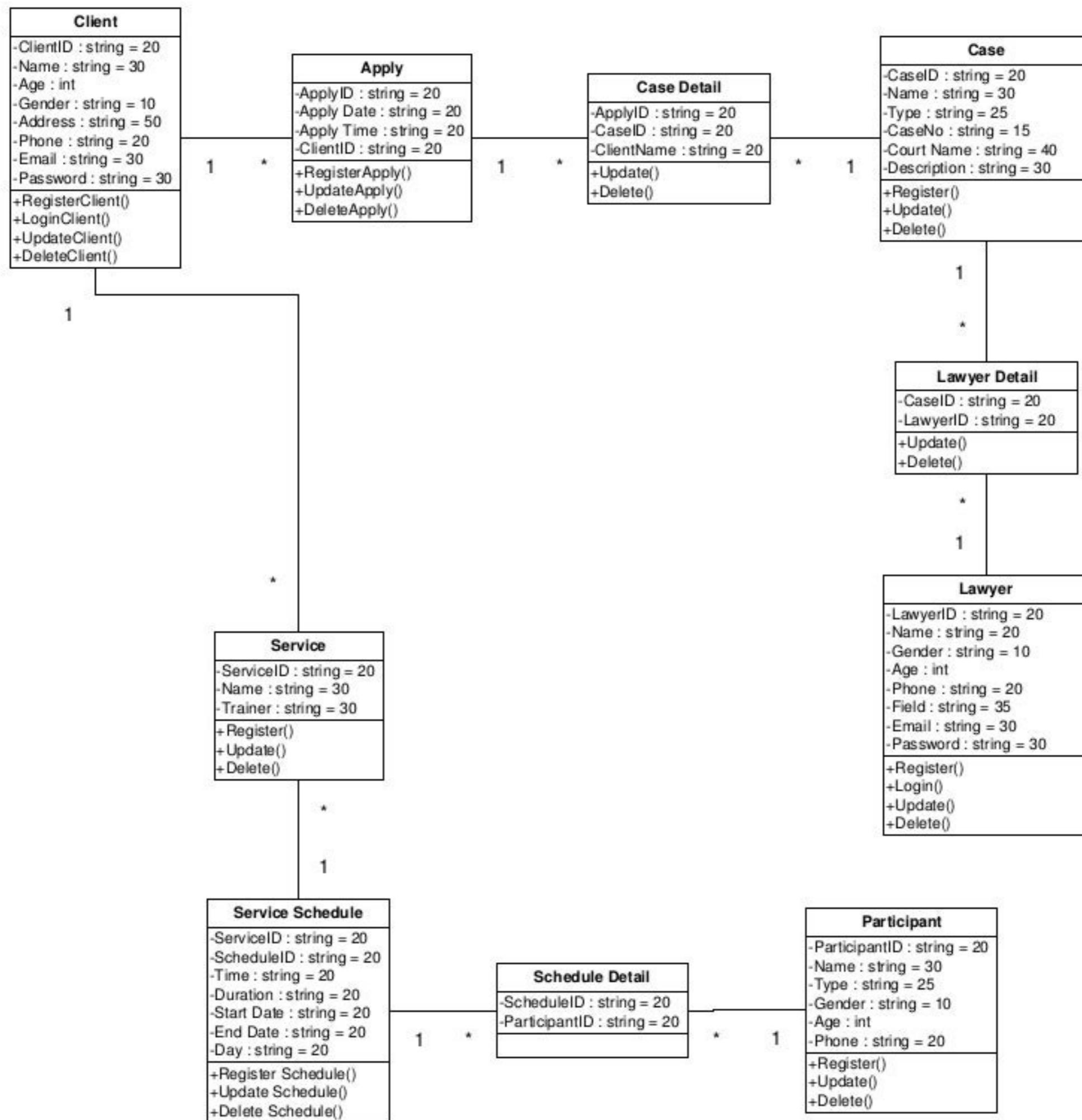
Chapter – 6

Design

Chapter – 6

6.1 Detailed Class Diagram

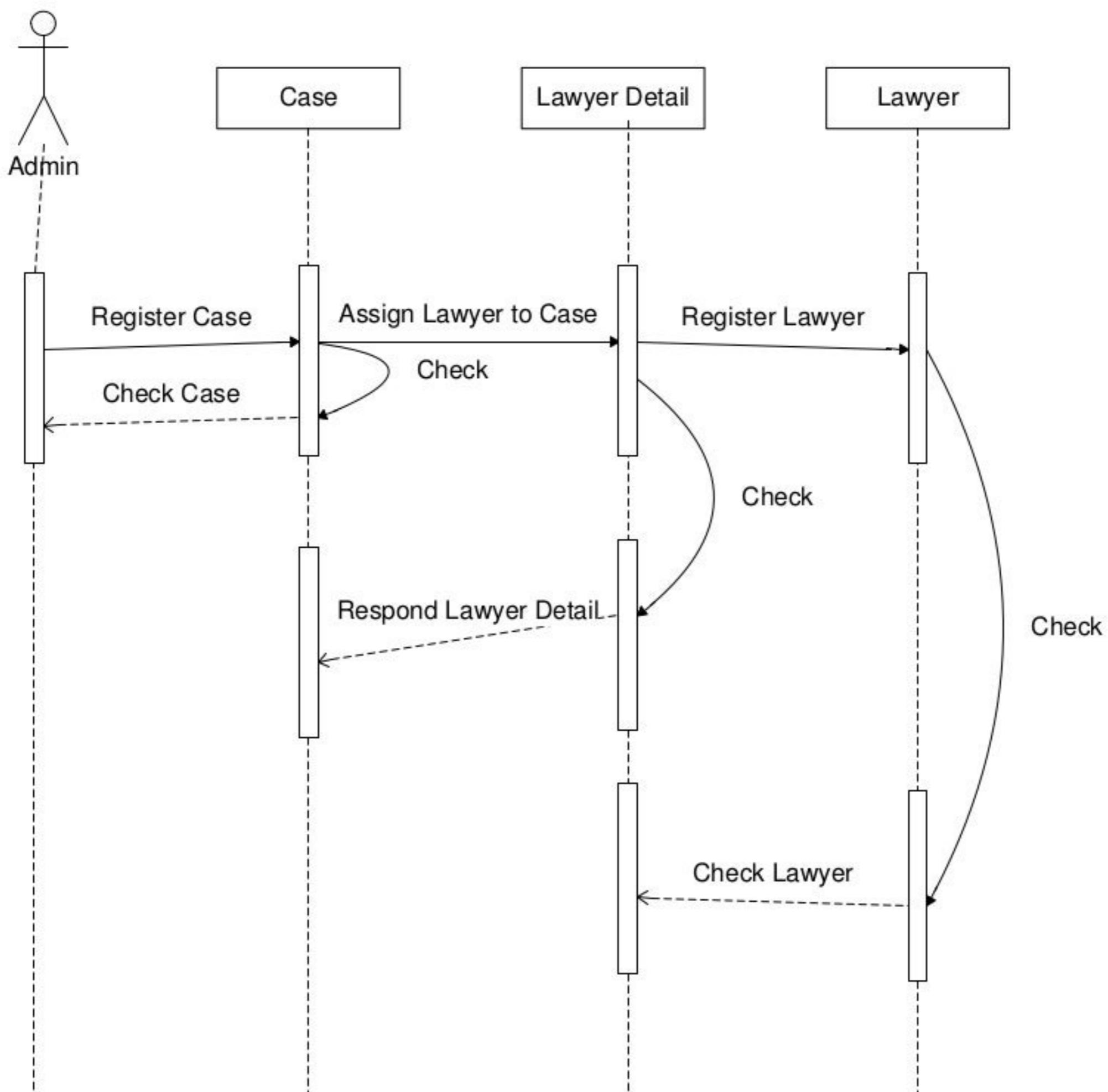
Detailed Class Diagram for Applying



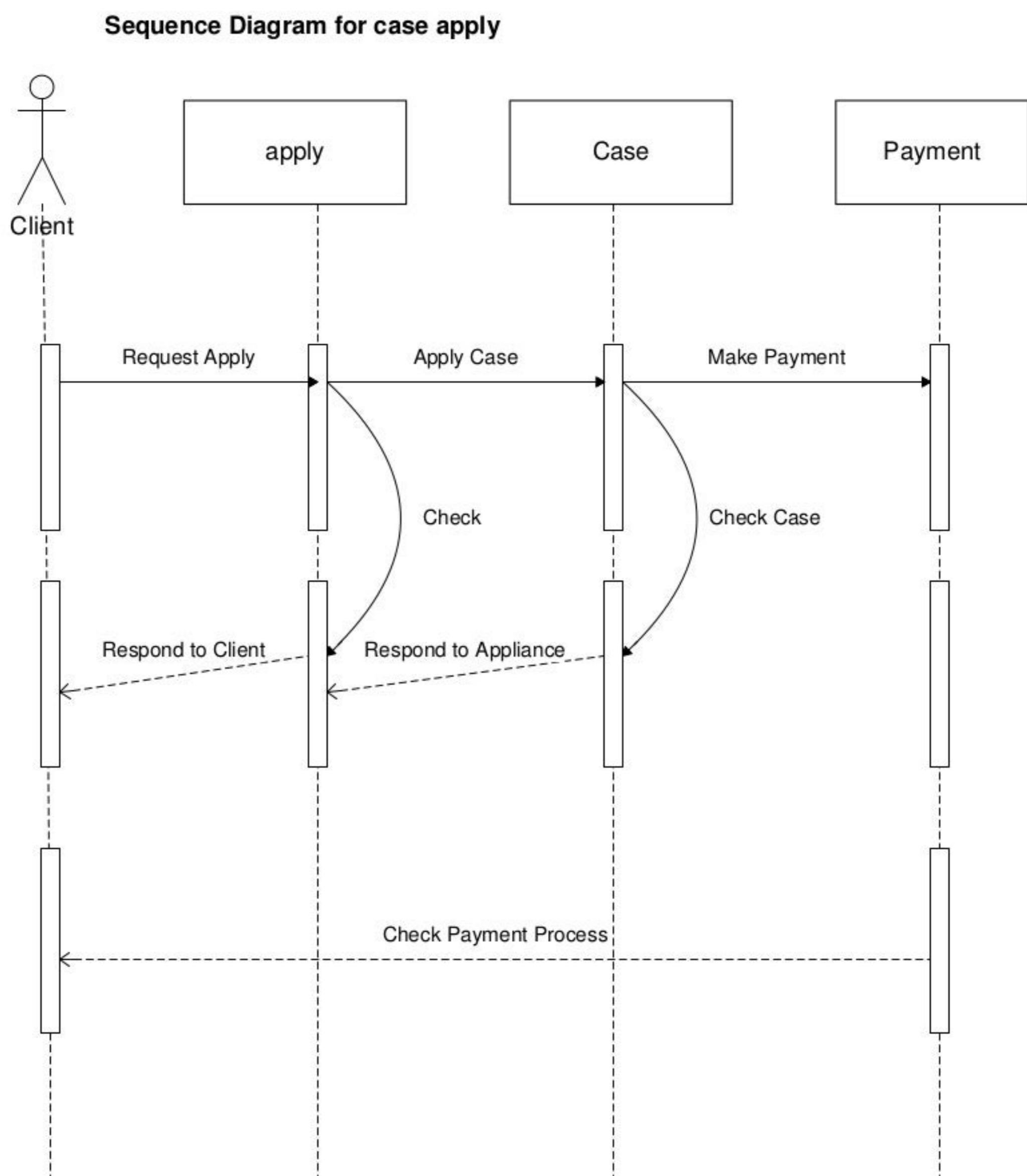
6.2 Sequence Diagrams

6.2.1 Sequence Diagram for Case Management

Sequence diagram for case management



6.2.2 Sequence Diagram for Case Apply



Chapter - 7

Risk Management and

Configuration

Management

Chapter – 7

7.1 Risk Management

7.1.1 Critical Success Factors

1. A project manager should make a proper project plan and think about team members, clients, top management and all stakeholders. Executive sponsorship for a project is key because top level management are the ones deciding how many they will give as project budget and how many team members they will give to work for the project. And they are deciding on project strategy as well as project goals also.
2. “A project manager should ensure that project goals and deliverables are specific, measurable, attainable, Relevant and time-bound (SMART).”
3. There should be agreement about project goals and make the solutions for conflicts.
4. Project leader will be monitor for the whole group of the project.
5. Make a report for every progress in detail for the whole group. That’s make more easy to do each parts.
6. Project manager need to make the best in explaining about the project to client. “Communication is the only way via which tasks are assigned and monitored, project issues are escalated and the medium via which goals, performance, and feedback are passed across.”

References

(How to Identify Critical Success Factors in Project Management)

7.1.2 Major Sources of Risk

Unknown Stakeholders

These are people who have influence over a project’s goals, deliverables, resources or schedule. Yet the project team is unaware of them at the outset of the planning process. These folks represent a major risk factor because they often display unexpected resistance.

Fuzzy Project Scope

Every project has goals but unless the goals are detailed enough and clear understanding about what the project is intended to accomplish. If the business doesn't agree on what they are attempting to accomplish, the project team can't possibly get it done.

Gold Plated Requirements

Many project teams find themselves in possession of business requirements that resemble a wish list. There are just too many nice-to-have features that someone deems critical. Prioritize early and avoid unnecessary gold plating.

Inappropriate Staffing

The project plan shows that ten people need to be assigned to the team to deliver the application, so management assigns ten people.

References

(BrainsLink)

7.2 Risk Matrix

Title and description	Risk Status	Potential impact	Risk owner	Actions	Action Log
Requirement changes	high	high	Project Manager	Make backup	0
Project Budget	high	high	Project Manager	Make calculation	0
Staff changes	medium	medium	HR	Give opportunities	0
Software installation	medium	medium	Software engineering	Buy installers	0

Configuration Management – Directory Structure

Program

This PC > Windows (C:) > xampp > htdocs > LawFirm_Management

This program is saved in my PC, C drive, in xampp folder and in htdocs in xampp.

 css	2/11/2018 1:40 PM	File folder
 fonts	2/11/2018 1:40 PM	File folder
 images	2/11/2018 1:40 PM	File folder
 js	2/11/2018 1:40 PM	File folder
 LawyerImage	3/31/2018 10:48 AM	File folder
 AdminCaseView	5/21/2018 1:26 AM	PHP File 2 KB
 AdminHeader	5/21/2018 12:37 PM	PHP File 3 KB
 CaseDelete	5/7/2018 10:54 AM	PHP File 1 KB
 CaseDisplay	5/21/2018 1:06 AM	PHP File 2 KB
 CaseRegister	5/21/2018 1:26 AM	PHP File 3 KB
 CaseRequest_View	5/21/2018 1:05 AM	PHP File 2 KB
 CaseUpdate	5/21/2018 1:05 AM	PHP File 3 KB
 ClientCaseView	5/21/2018 1:27 AM	PHP File 2 KB
 ClientLogin	5/21/2018 1:08 AM	PHP File 2 KB
 ClientLogout	5/21/2018 1:08 AM	PHP File 1 KB
 ClientRegister	5/21/2018 1:07 AM	PHP File 3 KB
 connect	2/3/2018 9:47 AM	PHP File 1 KB
 footer	6/9/2018 11:39 AM	PHP File 3 KB
 header	6/10/2018 2:55 PM	PHP File 4 KB
 LawyerDelete	5/21/2018 1:00 AM	PHP File 1 KB
 LawyerDisplay	3/24/2018 1:54 PM	PHP File 2 KB
 LawyerLogin	5/21/2018 1:02 AM	PHP File 2 KB
 LawyerRegister	5/21/2018 1:02 AM	PHP File 5 KB
 LawyerUpdate	5/21/2018 1:03 AM	PHP File 4 KB
 ListForServiceName	5/21/2018 2:40 PM	PHP File 2 KB
 ParticipantDelete	5/21/2018 1:17 AM	PHP File 1 KB
 ParticipantLogin	5/21/2018 1:07 PM	PHP File 2 KB
 ParticipantRegister	5/21/2018 1:43 PM	PHP File 4 KB

Files are saved as php, css, html files. They can be open with Sublime Text and Dreamweaver.

Chapter – 8

Testing

Chapter – 8

8.1 Test Schedule

Module 1: Client Registration

Test Script	Description	Date	Tester
1.1	Client would have their ID automatically	17 March 2017	YEE MON NYUNT WIN
1.2	Client is not allowed to skip to fill in the Name field	17 March 2017	YEE MON NYUNT WIN
1.3	Client is not allowed to skip to fill in the Age field	17 March 2017	YEE MON NYUNT WIN
1.4	Client is not allowed to skip to fill in the Address field	17 March 2017	YEE MON NYUNT WIN
1.5	Client is not allowed to skip to fill in the Phone field	17 March 2017	YEE MON NYUNT WIN
1.6	Client is not allowed to skip to fill in the Email field	17 March 2017	YEE MON NYUNT WIN
1.7	Email must be in email format	17 March 2017	YEE MON NYUNT WIN
1.8	Client is not allowed to skip to fill in the Password field	17 March 2017	YEE MON NYUNT WIN
1.9	All information will be saved properly in client table in database when Register button is clicked	17 March 2017	YEE MON NYUNT WIN
1.10	Client will get to login form when he/she click Login button	17 March 2017	YEE MON NYUNT WIN

Module 2 : Client Login

Test Script	Description	Date	Tester
2.1	Client is not allowed to fill the wrong email format	18 March 2017	YEE MON NYUNT WIN
2.2	Client is not allowed to fill wrong email	18 March 2017	YEE MON NYUNT WIN
2.3	Client is not allowed to fill wrong password	18 March 2017	YEE MON NYUNT WIN
2.4	After all correct information are filled, case display form will show when Login button is clicked	18 March 2017	YEE MON NYUNT WIN

Module 3 : Case registration

Test Script	Description	Date	Tester
3.1	It is not allowed to skip to fill in the Name field	18 March 2017	YEE MON NYUNT WIN
3.2	It is not allowed to skip to fill in the Type field	18 March 2017	YEE MON NYUNT WIN
3.3	It is not allowed to skip to fill in the CaseNo field	18 March 2017	YEE MON NYUNT WIN
3.4	It is not allowed to skip to fill in the CourtName field	18 March 2017	YEE MON NYUNT WIN
3.5	It is not allowed to skip to fill in the Description field	18 March 2017	YEE MON NYUNT WIN
3.6	All information will be saved properly in case table in database when Register button is clicked	18 March 2017	YEE MON NYUNT WIN

Module 4: Lawyer Registration

Test Script	Description	Date	Tester
4.1	It is not allowed to skip to fill in the Name field	18 March 2017	YEE MON NYUNT WIN
4.2	It is not allowed to skip to fill in the Age field	18 March 2017	YEE MON NYUNT WIN
4.3	It is not allowed to skip to fill in the Phone field	18 March 2017	YEE MON NYUNT WIN
4.4	It is not allowed to skip to fill in the Field field	18 March 2017	YEE MON NYUNT WIN
4.5	It is not allowed to skip to fill in the Email field	18 March 2017	YEE MON NYUNT WIN
4.6	It is not allowed to skip to fill in the Password field	18 March 2017	YEE MON NYUNT WIN
4.7	It is not allowed to skip to choose in the Image field	18 March 2017	YEE MON NYUNT WIN
4.8	All information will be saved properly in lawyer table in database when Register button is clicked	18 March 2017	YEE MON NYUNT WIN
4.9	Lawyer will get to login form when he/she click Login button	18 March 2017	YEE MON NYUNT WIN

Module 5: Admin Case View

Test Script	Description	Date	Tester
5.1	Admin can edit the case listing when he/she click Edit button	19 March 2017	YEE MON NYUNT WIN
5.2	Admin can delete the case when he/she click Delete button	19 March 2017	YEE MON NYUNT WIN

Module 6: Case Update

Test Script	Description	Date	Tester
6.1	Edit the information as much as user satisfied. The case data will change in database when user clicked the Update button.	19 March 2017	YEE MON NYUNT WIN

Module 7: Case Display

Test Script	Description	Date	Tester
7.1	When click Case Register, user will reach to Case Register page.	20 March 2017	YEE MON NYUNT WIN

Module 8: Case Registration

Test Script	Description	Date	Tester
8.1	It is not allowed to skip to fill in the Name field	20 March 2017	YEE MON NYUNT WIN
8.2	It is not allowed to skip to fill in the Type field	20 March 2017	YEE MON NYUNT WIN
8.3	It is not allowed to skip to fill in the CaseNo field	20 March 2017	YEE MON NYUNT WIN
8.4	It is not allowed to skip to fill in the CourtName field	20 March 2017	YEE MON NYUNT WIN
8.5	It is not allowed to skip to fill in the Description field	20 March 2017	YEE MON NYUNT WIN
8.6	All information will be saved properly in case table in database when Register button is clicked	20 March 2017	YEE MON NYUNT WIN

Module 9: Case Request View

Test Script	Description	Date	Tester
9.1	When click Case Register button, user will reach to Case Register page	21 March 2017	YEE MON NYUNT WIN
9.2	When click Case Display button, user will reach to Case Display page	21 March 2017	YEE MON NYUNT WIN

Module 10: Lawyer Login

Test Script	Description	Date	Tester
10.1	It is not allowed to fill the wrong email format	21 March 2017	YEE MON NYUNT WIN
10.2	It is not allowed to fill wrong email	21 March 2017	YEE MON NYUNT WIN
10.3	It is not allowed to fill wrong password	21 March 2017	YEE MON NYUNT WIN
10.4	After all correct information are filled, Admin Case View page will show when Login button is clicked	21 March 2017	YEE MON NYUNT WIN

Test Script

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.1	Client would have their ID automatically	ClientID field would not be shown. But fill the rest fields in client registration form. Then click Register button and check the ID field in database.	Client will own an ID automatically.	See Fig 1.1 and 1.2

Before testing

Client Register:

Name:	David
Age:	20
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	YGN
Phone:	+9591234567
Email:	david20@gmail.com
Password:	*****
<input type="button" value="Logout"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 1.1

After testing

ClientID	Name	Age	Gender	Address	Phone	Email	Password
1	Kaung Kaung	18	Male	YGN	+969221017	kaung2210@gmail.com	221017
2	Yee Mon	19	Female	YGN	+9596727383	YM99@gmail.com	yeemon
3	David	20	Male	YGN	+9591234567	david20@gmail.com	david20

Fig 1.2

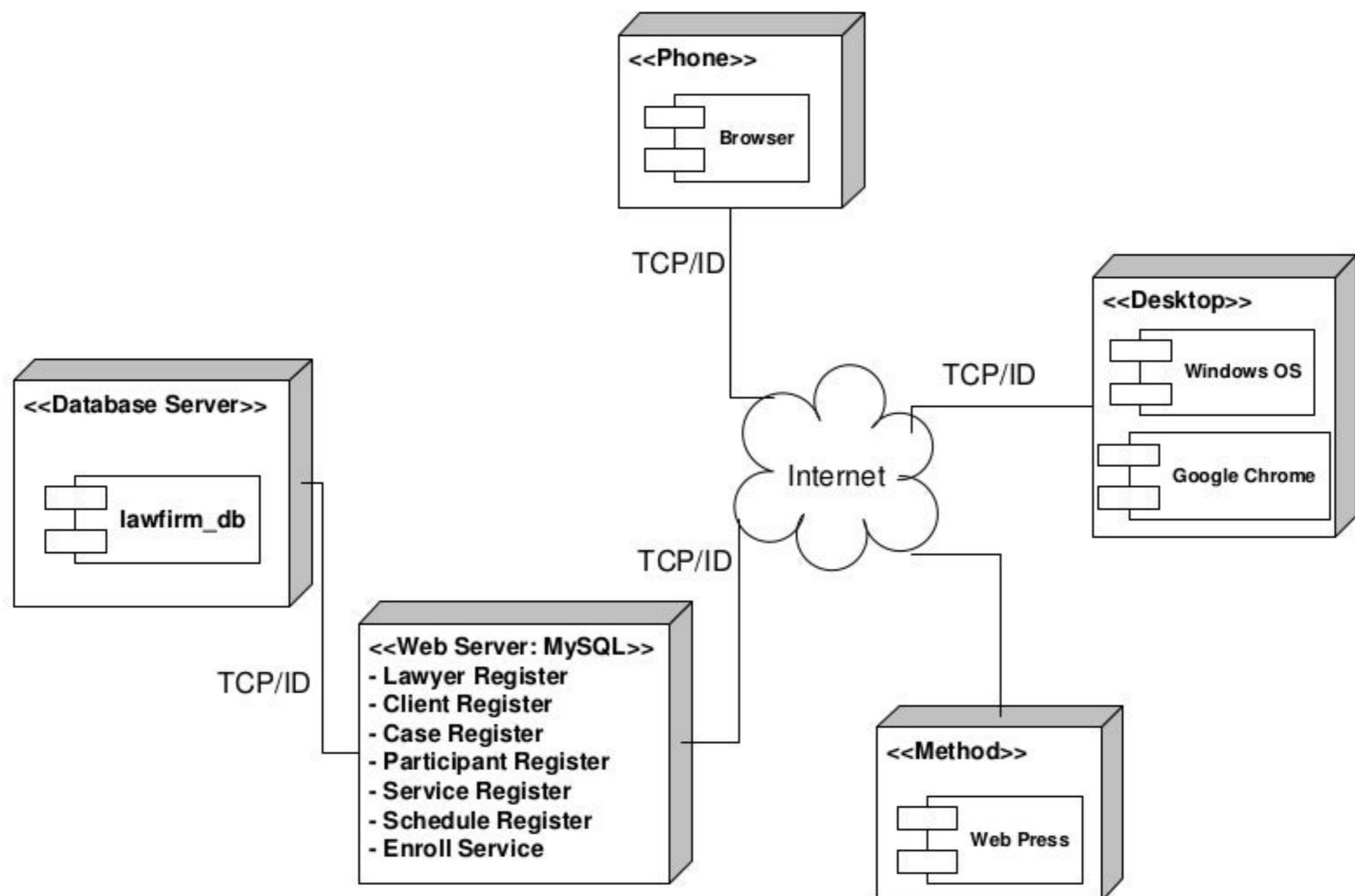
Look other testing at Appendix. (Page 64)

Chapter – 9

Implementation

Chapter - 9

9.1 Deployment Diagram



9.2 Data Migration

Data migration is the process to transport data from paper system to computerized system. Hire Data Entry Staff to save the data to database. Make to successfully with as less as possible risk. Transfer the data from 2016 until now. Client Register, Lawyer Register, Case Register, Schedule Register, Participant Register, Service Register, Lawyer List, Schedule List, Case List and Enroll list for service.

Data	Start Date	End Date	People
Client Register	1.6.2018	2.6.2018	Data Entry
Lawyer Register	3.6.2018	4.6.2018	Data Entry
Case Register	5.6.2018	6.6.2018	Data Entry
Schedule Register	7.6.2018	8.6.2018	Data Entry
Participant Register	9.6.2018	10.6.2018	Data Entry
Service Register	11.6.2018	12.6.2018	Data Entry
Lawyer List	13.6.2018	14.6.2018	Data Entry
Schedule List	15.6.2018	16.6.2018	Data Entry
Case List	17.6.2018	18.6.2018	Data Entry
Enroll list for service	19.6.2018	20.6.2018	Data Entry

9.3 Training

Training Title	Type of users	Location	Date	Time	Tool	Description
Lawyer Register	Admin	Clifford Chance Law Firm	18/4/2018	9:00-10:00	Operating system, Google Chrome, Web Server, Internet, WLAN	Admin need to learn how to register lawyer's information in Lawyer Register page.
Register Form	Admin	Clifford Chance Law Firm	18/4/2018	11:00-12:00	Operating system, Google Chrome, Web Server, Internet, WLAN	Admin need to learn how to register case detail in Register Form page.
Schedule Register	Admin	Clifford Chance Law Firm	18/4/2018	1:00-2:00	Operating system, Google Chrome, Web Server, Internet, WLAN	Admin need to learn how to register schedule in Schedule Register form.
Service Register	Admin	Clifford Chance Law Firm	18/4/2018	2:30-3:30	Operating system, Google Chrome, Web Server, Internet, WLAN	Admin need to learn how to register service's information in Service Register.
Lawyer Login	Lawyer	Clifford Chance Law Firm	19/4/2018	10:00-11:00	Operating system, Google Chrome	Lawyer need to learn how to login their account.

Lawyer Update	Admin	Clifford Chance Law Firm	20/4/2018	9:00-10:00	Operating system, Google Chrome	Admin need to learn how to update lawyer's information.
Schedule Update	Admin	Clifford Chance Law Firm	20/4/2018	10:00-11:00	Operating system, Google Chrome	Admin need to learn how to update schedule in form.
Service Update	Admin	Clifford Chance Law Firm	20/4/2018	12:00-1:00	Operating system, Google Chrome	Admin need to learn how to update service data.

Chapter – 10

Conclusion

Chapter - 10

10.1 Evaluation

10.1.1 Evaluation against Aims and Objectives

Aims and Objectives

The project was aimed to make the law firm to get more clients and to be more popular and not to use unnecessary paper works and to save the information exactly and up-to-date.

Most of objectives are received in this project. Clients can register on website easily. Clients can watch the cases history on website. Clients can see the lawyers on website. Participants can register on website. Participants can watch the schedule of services and enroll for services on website. Admin can register schedule and announce schedule on website.

What have been done?

In Literature Review, strength and weakness of 2 methodologies SSADM and DSDM are compared. DSDM which have more strength and more suitable is recommended for this project. In languages, PHP and ASP.Net are compared. PHP is more usability and suitable is chosen for this project. And database comparison, MySQL and Oracle are compared. MySQL is chosen for this website with more advantages.

To make a good website, need to get ideas from other websites. So, similar websites are analyzed. Both of the websites are compared. And strength and weakness of each website is shown by table. After that, in recommendation, strengths of these websites to be used and weakness need to avoided for this project.

Lessons Learnt

While making this project, there are many lessons learned from problems, using software and coding. In methodology comparison, SSADM and DSDM's strengths and weaknesses are compared. In comparison, lesson learned that DSDM has more strengths than SSADM. DSDM is suitable for this project because it is cheap, easy to use and good for short term project.

10.1.2 Evaluation against Justifications Made

Language

Selected Languages: PHP language is selected.

Problems Encountered: There was a technical problem concerning with errors. When the forms on website can't work because of errors, need to go back to PHP coding and find errors and runs the forms on website again. Many progresses are needed.

Lesson Learnt: PHP is a scripting language which is easy to use in many ways. Templates coding can be written in PHP and easy to find errors. Website can create in PHP easily because user can do everything which needed for website in PHP only.

Database

Selected Database: MySQL is used.

Problems Encountered: Sometimes, MySQL can't connect because PHP version can't compile with MySQL.

Lesson Learnt: User does not need to know how to use SQL. MySQL is the database management system that is used for various kinds and sizes for projects.

Methodology

Selected Database: DSDM is used.

Problems Encountered: DSDM is suitable for this project but it really needs a lot of requirements.

Lesson Learnt: DSDM is a methodology which used for project.

10.1.3 Evaluation against Project Plan

The project of law firm management system is on track with the plan. Design and data, such as login form, client register, lawyer register, case register, schedule register, service register and participant register forms are completed on time. However Admin login and Lawyer selection form are not completed on time. If there is more time for this project, it sure that can be completed.

Future Amendments

There are plans to be completed in the future for this project. Features such as lawyer selection, payment, certificate for service courses and lawyer's schedule are to be shown on the website. If there is more time, clients can contact with the lawyers online if they want to ask about their cases and progress of their cases. Search box will also be available to find the lawyers or cases by users easily in future.

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Appendix

Use Case Description

Usecase Name: Register Lawyer

Actor : Admin

Definition : - Save the lawyer information
- Lawyer gets his/her own account
- make login
- Edit the information
- Delete the information

Usecase Name: Register Client

Actor : Client, Admin

Definition : - Save the client information
- Client gets his/her own account
- Edit the information
- Delete the information

Usecase Name: Register Participant

Actor : Admin

Definition : - Save Participant information
- Attend service courses

Usecase Name: Register Service

Actor : Manager, Client

Pre Condition : Register Client

Definition : - Give training to clients
- Give training to staffs

Usecase Name: Request Case

Actor : Client

Pre Condition : Register Client

Definition : - apply case to the law firm

Detailed Class Description

No	Class	Attributes	Datatype	Description
1.	Client	- ClientID - Name - Age - Gender - Address - Phone - Email - Password	Varchar (20) Varchar (30) Int Varchar (10) Varchar (50) Varchar (20) Varchar (30) Varchar (30)	It is primary key. It must unique. Its value can't be null. To save the client name. To save the client age. The client is male or female. To deliver the paper which relate to the case from the court. To contact the client. To send the email about the case. Login to the customer.

No	Class	Attributes	Datatype	Description
2.	Apply	- ApplyID - Apply Date - Apply Time - ClientID	Varchar (20) Varchar (20) Varchar (20) Varchar (20)	It is primary key. It must unique. Its value can't be null. To save the apply date. To save the apply time. Foreign key is a duplicate of Primary key in another table.

No	Class	Attributes	Datatype	Description
3.	Case Detail	- ApplyID - CaseID	Varchar (20) Varchar (20)	Foreign key is a duplicate of Primary key in another table. Foreign key is a duplicate of Primary key in another table.

No	Class	Attributes	Datatype	Description
4.	Case	- CaseID - Name - Type - CaseNo - Court Name - Description	Varchar (20) Varchar (30) Varchar (25) Varchar (15) Varchar (40) Varchar (30)	It is primary key. It must unique. Its value can't be null. To save the title of the case. To save the case is either criminal or civil. To save the case no. To save the court name different by case region. To save about the case in detail.

No	Class	Attributes	Datatype	Description
5.	Lawyer Detail	- CaseID - LawyerID	Varchar (20) Varchar (20)	Foreign key is a duplicate of Primary key in another table. Foreign key is a duplicate of Primary key in another table.

No	Class	Attributes	Datatype	Description
6.	Lawyer	- LawyerID - Name - Gender - Age - Phone - Field - Email - Password - Image	Varchar (20) Varchar (20) Varchar (20) Int Varchar (20) Varchar (35) Varchar (30) Varchar (30) Varchar (255)	It is primary key. It must unique. Its value can't be null. To save the lawyer name. To save the lawyer is either male or female. To save the lawyer age. To contact the lawyer. To save the lawyer field (eg. Bank, Land) To send the email about the case. Login to the account. To save the lawyer photo with lawyer name.

No	Class	Attributes	Datatype	Description
7.	Service	- ServiceID - Name - Trainer	Varchar (20) Varchar (30) Varchar (30)	It is primary key. It must unique. Its value can't be null. Register the service title name. To save the trainer name.

No	Class	Attributes	Datatype	Description
8.	Service Schedule	<ul style="list-style-type: none"> - ServiceID - Schedule ID - Time - Duration - Start Date - End Date - Day 	Varchar (20) Varchar (20) Varchar (20) Varchar (20) Varchar (20) Varchar (20) Varchar (20)	<p>Foreign key is a duplicate of Primary key in another table.</p> <p>It is primary key. It must unique. Its value can't be null.</p>

No	Class	Attributes	Datatype	Description
9.	Service Detail	<ul style="list-style-type: none"> - ServiceID - ParticipantID 	Varchar (20) Int	<p>Foreign key is a duplicate of Primary key in another table.</p> <p>Foreign key is a duplicate of Primary key in another table.</p>

No	Class	Attributes	Datatype	Description
10.	Participant	ParticipantID Name Type Gender Age Phone Email Password	Varchar (20) Varchar (30) Varchar (25) Varchar (10) Int Varchar (20) Varchar (30) Varchar (20)	<p>It is primary key. It must unique. Its value can't be null.</p> <p>To save the participant name.</p> <p>To send about informations</p> <p>Login to the account</p>

No	Class	Attributes	Datatype	Description
11.	Register	RegisterID CaseNo Name Description Punishment	Varchar (20) Varchar (20) Varchar (50) Varchar (255) Varchar (50)	It is primary key. It must unique. Its value can't be null. Foreign key is a duplicate of Primary key in another table. Case's name will save in database. To save case's details To save the punishment year of cases

Testing

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.2	Client is not allowed to skip to fill in the Name field	Client Name can't be blank. If Name field is blank, the error message will show.	The error message will show	See Fig 1.3 and 1.4

Before testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name	Enter your name:
Age	20
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address	YGN
Phone	0936547389
Email	david20@gmail.com
Password	*****
<input type="button" value="Logout"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 1.3

After testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name	Enter your name:
Age	Please fill in this field.
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address	YGN
Phone	0936547389
Email	david20@gmail.com
Password	*****
<input type="button" value="Logout"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 1.4

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.3	Client is not allowed to skip to fill in the Age field	Client Age can't be blank. If Age field is blank, the error message will show.	The error message will show	See Fig 1.5 and 1.6

Before testing

The screenshot shows the Clifford Chance Client Register page. The Age field is empty, and the error message "Please fill in this field." is displayed above it. Other fields like Name, Email, and Password are filled with sample data.

Fig 1.5

After testing

The screenshot shows the Clifford Chance Client Register page after testing. The Age field now contains the placeholder text "Enter your age". The error message "Please fill in this field." is no longer visible.

Fig 1.6

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.4	Client is not allowed to skip to fill in the Address field	Client address can't be blank. If Address field is blank, the error message will show.	The error message will show	See Fig 1.7 and 1.8

Before testing

Fig 1.7

After testing

Fig 1.8

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.5	Client is not allowed to skip to fill in the Phone field	Client phone can't be blank. If Phone field is blank, the error message will show.	The error message will show	See Fig 1.9 and 1.10

Before testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name:	David
Age:	20
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	YGN
Phone:	Enter Phone no. +959
Email:	david20@gmail.com
Password:	*****
<input type="button" value="Logout"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 1.9

After testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name:	David
Age:	20
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	YGN
Phone:	Please fill in this field.
Email:	
Password:	*****
<input type="button" value="Logout"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 1.10

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.6	Client is not allowed to skip to fill in the Email field	Client email can't be blank. If Email field is blank, the error message will show.	The error message will show	See Fig 1.11 and 1.12

Before testing

Clifford Chance

[Client Register](#) [Login](#) [Case Register](#) [Case Display](#) [Logout](#)

Client Register:

Name	David
Age	20
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address	VGN
Phone	0936847389
Email	example@gmail.com
Password	*****
Forgot? Register Cancel	

Fig 1.11

After testing

Clifford Chance
Client Register
Login
Case Register
Case Display
Logout

Client Register:

Name:	<input type="text" value="David"/>
Age:	<input type="text" value="20"/>
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	<input type="text" value="YGN"/>
Phone:	<input type="text" value="0936647389"/>
Email:	<input type="text" value="example@gmail.com"/>
Password:	<input type="password"/> ! Please fill in this field.
Forgot?	

Fig 1.12

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.7	Email must be in Email format	Can't write down random words in Email field. Need to write down in email format. Eg. Example@gamil.com	The error message will show	See Fig 1.13 and 1.14

Before testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name:	david
Age:	20
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	YGN
Phone:	0936547359
Email:	david
Password:
Login Register Cancel	

Fig 1.13

After testing

Clifford Chance

Client Register Login Case Register Case Display Logout

Client Register:

Name:	david
Age:	20
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address:	YGN
Phone:	0936547359
Email:	(david)

Please include an '@' in the email address. 'david' is missing an '@'.

Fig 1.14

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.8	Customer is not allowed to skip to fill in the Password field	Client password can't be blank. If Password field is blank, the error message will show.	The error message will show	See Fig 1.15 and 1.16

Before testing

Clifford Chance

Client Register

Name: David

Age: 20

Gender: Male Female

Address: YGN

Phone: 0936547389

Email: david20@gmail.com

Password: (at least 5 words)

Login? Register Cancel

Fig 1.15

After testing

Clifford Chance

Client Register

Name: David

Age: 20

Gender: Male Female

Address: YGN

Phone: 0936547389

Email: david20@gmail.com

Password: (at least 5 words)

Please fill in this field.

Fig 1.16

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.9	All information will be saved properly in client table in database when Register button is clicked	Client registration will be save when register button is clicked	The information will be saved	See Fig 1.17 and 1.18

Before testing

The screenshot shows the 'Client Register' page of the Clifford Chance application. At the top, there is a navigation bar with links for 'Client Register', 'Login', 'Case Register', 'Case Display', and 'Logout'. Below the navigation bar, the title 'Clifford Chance' is displayed. The main content area is titled 'Client Register:' and contains a form with the following fields:

- Name: Rachel
- Age: 22
- Gender: Male (radio button selected)
- Address: YGN
- Phone: 096482832
- Email: rachel@gmail.com
- Password: (obscured)

At the bottom of the form are two buttons: 'Register' (highlighted in yellow) and 'Cancel'.

Fig 1.17

After testing

The screenshot shows the 'Client Register' page after a successful registration. The top navigation bar and title are identical to the previous screenshot. The main content area now includes a message 'localhost says' above a 'Successfully Register' notification. A small blue 'OK' button is visible next to the message. The rest of the form and its fields are identical to the 'Before testing' screenshot.

Fig 1.18

Unit Test 1		Test Case: Data entry for client registration	Designed by: YEE MON NYUNT WIN	
Data Source: Client Registration Form		Objective: To make sure that client registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
1.10	Client will get to login form when he/she click Login button	Click Login button.	Login form will be show.	See Fig 1.19 and 1.20

Before testing

Client Register:

Name:

Age:

Gender: Male Female

Address:

Phone:

Email:

Password:

Login **Register** **Cancel**

Fig 1.19

After testing

Login form

Email:

Password:

Login **Cancel**

Fig 1.20

Unit Test 2		Test Case: Data entry for client login	Designed by: YEE MON NYUNT WIN	
Data Source: Client Login Form		Objective: To make sure that client login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
2.1	Client is not allowed to fill the wrong email format	Can't login with wrong email format	The error message will show	See Fig 2.1 and 2.2

Before testing

Clifford Chance

Login form

Email: david

Password: *****

Login Cancel

Fig 2.1

After testing

Clifford Chance

Login form

Email: david

Please include an '@' in the email address. 'david' is missing an '@'.

Fig 2.2

Unit Test 2		Test Case: Data entry for client login	Designed by: YEE MON NYUNT WIN	
Data Source: Client Login Form		Objective: To make sure that client login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
2.2	Client is not allowed to fill wrong email	Need to write down the correct email from database	The error message will show	See Fig 2.3 and 2.4

Before testing

Clifford Chance

Login form

Email: david@gmail.com

Password: *****

Login Cancel

Fig 2.3

After testing

Clifford Chance

localhost says:

Client Login success.

OK

Case Register Case Display Logout

Login form

Email: david@gmail.com

Password: *****

Login Cancel

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Fig 2.4

Unit Test 2		Test Case: Data entry for client login	Designed by: YEE MON NYUNT WIN	
Data Source: Client Login Form		Objective: To make sure that client login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
2.3	Client is not allowed to fill wrong password	Can't login with wrong password	The error message will show	See Fig 2.5 and 2.6

Before testing

The screenshot shows the Clifford Chance login interface. At the top, there is a navigation bar with links for 'Client Register', 'Login', 'Case Register', 'Case Display', and 'Logout'. Below the navigation bar, the title 'Clifford Chance' is displayed. A 'Login form' section contains fields for 'Email' (david20@gmail.com) and 'Password' (redacted). There are 'Login' and 'Cancel' buttons at the bottom of the form.

Fig 2.5

After testing

The screenshot shows the Clifford Chance login interface after testing. A modal dialog box is overlaid on the page, displaying the message 'localhost says Client login incorrect.' with an 'OK' button. The rest of the page remains the same as in Fig 2.5, including the navigation bar and the login form.

Fig 2.6

Unit Test 2		Test Case: Data entry for client login	Designed by: YEE MON NYUNT WIN	
Data Source: Client Login Form		Objective: To make sure that client login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
2.4	After all correct information are filled, case display form will show when Login button is clicked	Client login will be complete when login button is clicked and case display form will be show	Registration Listing form will be show	See Fig 1.7 and 1.8

Before testing

Fig 2.7

After testing

Registration Listing:					
RegisterID	CaseNo	Name	Description	General Punishment	
1	45/46	Murder	This case for	1 year	
2	10/33	Crime	This case is	1 year	
3	30/29	Crime	This case if for	2 years	
4	32/2017	Crime	This case	3 years	

[Case Register](#) | [Case Display](#)

Fig 2.8

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.1	It is not allowed to skip to fill in the Name field	Name can't be blank. If Name field is blank, the error message will show.	Error message show.	See Fig 3.1 and 3.2

Before testing

Case Register

Name	Type Case Name
Type	Civil
CaseNo	32/2017
CourtName	Eastern Court
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.1

After testing

Case Register

Name	Type Case Name
Type	Civil
CaseNo	32/2017
CourtName	Eastern Court
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.2

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.2	It is not allowed to skip to fill in the Type field	Type can't be blank. If Type field is blank, the error message will show.	Error message show.	See Fig 3.3 and 3.4

Before testing

Case Register

Name	Rape
Type	eg:Criminal or Civil
CaseNo	32/2017
CourtName	Eastern Court
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.3

After testing

Case Register

Name	Rape
Type	eg:Criminal or Civil
CaseNo	
CourtName	
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.4

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.3	It is not allowed to skip to fill in the CaseNo field	CaseNo can't be blank. If CaseNo field is blank, the error message will show.	Error message show.	See Fig 3.5 and 3.6

Before testing

Case Register

Name	Rape
Type	Civil
CaseNo	reg.23/2018
CourtName	Eastern Court
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.5

After testing

Case Register

Name	Rape
Type	Civil
CaseNo	reg.23/2018
CourtName	Eastern Court
Description	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.6

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.4	It is not allowed to skip to fill in the CourtName field	CourtName can't be blank. If CourtName field is blank, the error message will show.	Error message show.	See Fig 3.7 and 3.8

Before testing

Case Register

Name:	Rape
Type:	Civil
CaseNo:	32/2017
CourtName:	Enter Court Name
Description:	Civil
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.7

After testing

Case Register

Name:	Rape
Type:	Civil
CaseNo:	32/2017
CourtName:	Please fill in this field.
Description:	
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.8

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.5	It is not allowed to skip to fill in the Description field	Description can't be blank. If Description field is blank, the error message will show.	Error message show.	See Fig 3.9 and 3.10

Before testing

Case Register

Name	Rape
Type	Civil
CaseNo	32/2017
CourtName	Eastern Court
Description	Enter description
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 3.9

After testing

Case Register

Name	Rape
Type	Civil
CaseNo	32/2017
CourtName	Eastern Court
Description	Enter description
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Please fill in this field.

Fig 3.10

Unit Test 3		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
3.6	All information will be saved properly in case table in database when Register button is clicked	Case registration will be save when register button is clicked	The information will be save.	See Fig 3.11 and 3.12

Before testing

The screenshot shows a 'Case Register' form. It contains five input fields: 'Name' (Rape), 'Type' (Civil), 'CaseNo' (32/2017), 'CourtName' (Eastern Court), and 'Description' (Civil). Below the fields are two buttons: 'Register' and 'Cancel'.

Fig 3.11

After testing

+ Options	← →	CaseID	Name	Type	CaseNo	CourtName	Description
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		3	Inheritance	Civil	16/2017	Western Court	Civil
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		4	Muder	Criminal	34/17	Eastern Court	Criminal
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	Rape	Civil	32/2017	Eastern Court	Civil

Fig 3.12

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.1	It is not allowed to skip to fill in the Name field	Name can't be blank. If Name field is blank, the error message will show.	Error message show.	See Fig 4.1 and 4.2

Before testing

The screenshot shows a 'Lawyer Register' form. The fields are as follows:

- Name: Lawyer Name
- Gender: Male (radio button selected)
- Age: 20
- Phone: +969221017
- Field: Civil
- Email: philip@gmail.com
- Password: (redacted)
- Image: Choose file: Capture+_201...8-37 (2).png
- Login? (checkbox checked)
- Buttons: Register, Cancel

Fig 4.1

After testing

The screenshot shows the same 'Lawyer Register' form, but the 'Name' field is empty. An error message 'Please fill in this field.' is displayed above the field. The other fields remain the same as in Fig 4.1.

Fig 4.2

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.2	It is not allowed to skip to fill in the Age field	Age can't be blank. If Age field is blank, the error message will show.	Error message show.	See Fig 4.3 and 4.4

Before testing

The screenshot shows a registration form titled "Lawyer Register". The fields are as follows:

- Name: Philip
- Gender: Male (radio button selected)
- Age: Enter your age (highlighted in yellow)
- Phone: +969221017
- Field: Civil
- Email: philip@gmail.com
- Password: (redacted)
- Image: Choose file: Capture_2018-8-37 (2).png
- Buttons: Login, Register, Cancel

Fig 4.3

After testing

The screenshot shows the same registration form after testing. The Age field now has an orange error message box with the text "Please fill in this field." The other fields remain the same as in Fig 4.3.

Fig 4.4

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.3	It is not allowed to skip to fill in the Phone field	Phone can't be blank. If Phone field is blank, the error message will show.	Error message show.	See Fig 4.5 and 4.6

Before testing

The screenshot shows a registration form titled "Lawyer Register". The fields are as follows:

- Name: Philip
- Gender: Male Female
- Age: 20
- Phone: Enter Phone no: +959***
- Field: Civil
- Email: philip@gmail.com
- Password: *****
- Image: Choose file: Capture+201..8-37 (2).png
- Buttons: Register, Cancel

Fig 4.5

After testing

The screenshot shows the same registration form after testing. The "Phone" field now has an orange error message box with the text "Please fill in this field." The other fields remain the same as in Fig 4.5.

Fig 4.6

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.4	It is not allowed to skip to fill in the Field field	Field can't be blank. If Field field is blank, the error message will show.	Error message show.	See Fig 4.7 and 4.8

Before testing

The screenshot shows a 'Lawyer Register' form. The fields and their values are:

- Name: Philip
- Gender: Male
- Age: 20
- Phone: +969221017
- Field: Eng:Criminal or Civil
- Email: philip@gmail.com
- Password: (hidden)
- Image: Choose file: Capture+_201...8-37 (2).png
- Login?: Yes
- Buttons: Register, Cancel

Fig 4.7

After testing

The screenshot shows the same 'Lawyer Register' form after testing. An error message box is displayed over the 'Field' field, stating: "Please fill in this field." The rest of the form appears identical to Fig 4.7.

Fig 4.8

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.5	It is not allowed to skip to fill in the Email field	Email can't be blank. If Email field is blank, the error message will show.	Error message show.	See Fig 4.9 and 4.10

Before testing

The screenshot shows a registration form titled "Lawyer Register". The fields include Name (Phillip), Gender (Male selected), Age (20), Phone (+969221017), Field (Civil), Email (example@gmail.com), Password (*****), and Image (Choose file). The Email field is highlighted with a yellow background. At the bottom are "Logout", "Register", and "Cancel" buttons.

Fig 4.9

After testing

The screenshot shows the same registration form as before, but now the Email field has an orange border and contains the error message "1 Please fill in this field." The rest of the form appears unchanged.

Fig 4.10

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.6	It is not allowed to skip to fill in the Password field	Password can't be blank. If Password field is blank, the error message will show.	Error message show.	See Fig 4.11 and 4.12

Before testing

The screenshot shows a "Lawyer Register" form. The fields are as follows:

- Name: Phillip
- Gender: Male (radio button selected)
- Age: 20
- Phone: +969221017 (highlighted in yellow)
- Field: Civil (highlighted in yellow)
- Email: Phillip@gmail.com
- Password: at least 5 words
- Image: Choose file | Capture+_201..8-37 (2).png
- Buttons: Login, Register, Cancel

Fig 4.11

After testing

The screenshot shows the same "Lawyer Register" form as before, but now the Password field has an error message: "Please fill in this field." The other fields remain the same as in Fig 4.11.

Fig 4.12

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.7	It is not allowed to skip to choose in the Image field	Image can't be null. If Image field is null, the error message will show.	Error message show.	See Fig 4.13 and 4.14

Before testing

The screenshot shows a web form titled "Lawyer Register". The fields and their values are:

- Name: Philip
- Gender: Male (radio button selected)
- Age: 20
- Phone: +963221017
- Field: Civil
- Email: Philip@gmail.com
- Password: (redacted)
- Image: Choose file (No file chosen)
- Buttons: Register, Cancel

Fig 4.13

After testing

The screenshot shows the same "Lawyer Register" form. A red error message box contains the following text:

Warning: copy(): Filename cannot be empty in C:\xampp\htdocs\LawFirm_Management\LawyerRegister.php on line 17
Cannot Upload Image

Fig 4.14

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.8	All information will be saved properly in lawyer table in database when Register button is clicked	Lawyer registration will be save when register button is clicked	The information will be save.	See Fig 4.15 and 4.16

Before testing

Lawyer Register

Name:	Philip
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Age:	20
Phone:	+969221017
Field:	Civil
Email:	Philip@gmail.com
Password:	*****
Image:	<input type="file"/> Choose file Capture+_201..8-37 (2).png
<input type="button" value="Upload"/> <input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 4.15

After testing

	LawyerID	Name	Gender	Age	Phone	Field	Email	Password	Image
<input type="checkbox"/>	3	Ravi	Male	25	09645678446	Criminal	ravi@gmail.com	ravi25	LawyerImage/_Capture+_2018-03-31-10-38-18 (2).png
<input type="checkbox"/>	4	Kolvin	Male	23	097366327	Criminal	kolvin@gmail.com	kolvin	LawyerImage/_Capture+_2018-03-31-10-38-29 (2).png
<input type="checkbox"/>	5	Henry	Male	30	0937838273	Criminal	henry@gmail.com	henry	LawyerImage/_Capture+_2018-03-31-10-38-47 (2).png
<input type="checkbox"/>	6	Philip	Male	20	+969221017	Civil	Philip@gmail.com	philip	LawyerImage/_Capture+_2018-03-26-23-48-37 (2).png

Fig 4.16

Unit Test 4		Test Case: Data entry for lawyer registration	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Registration Form		Objective: To make sure that lawyer registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
4.9	Lawyer will get to login form when he/she click Login button	Click Login button.	Login form will be show.	See Fig 4.17 and 4.18

Before testing

The screenshot shows a registration form titled "Lawyer Register". It includes fields for Name (text input), Gender (radio buttons for Male or Female), Age (text input), Phone (text input), Field (text input), Email (text input), Password (text input with placeholder "at least 5 words"), and Image (file upload button). At the bottom are "Login", "Register", and "Cancel" buttons.

Fig 4.17

After testing

The screenshot shows a login form titled "Login form". It has fields for Email (text input with placeholder "Example@email.com") and Password (text input with placeholder "*****"). At the bottom are "Login" and "Cancel" buttons.

Fig 4.18

Unit Test 5		Test Case: Edit and Delete for Case View	Designed by: YEE MON NYUNT WIN	
Data Source: Admin Case View		Objective: To make sure that admin can edit and delete case	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
5.1	Admin can edit the case listing when he/she click Edit button	Only Edit and Delete buttons are shown. If you click Edit button, Case Update form will appear.	Case Update page will show.	See Fig 5.1 and 5.2

Before testing

Case Listing:

CaseID	Name	Type	Case No	Court Name	Description	Action
3	Inheritance	Civil	16/2017	Western Court	Civil	Edit Delete
4	Muder	Criminal	34/17	Eastern Court	Criminal	Edit Delete
5	Rape	Civil	32/2017	Eastern Court	Civil	Edit Delete

Fig 5.1

After testing

Case Update

Case ID	3
Name	Inheritance
Type	Civil
CaseNo	16/2017
CourtName	Western Court
Description	Civil
<input type="button" value="Update"/>	<input type="button" value="Cancel"/>

Fig 5.2

Unit Test 5		Test Case: Edit and Delete for Case View	Designed by: YEE MON NYUNT WIN	
Data Source: Admin Case View		Objective: To make sure that admin can edit and delete case	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
5.2	Admin can delete the case when he/she click Delete button	Only Edit and Delete buttons are shown. If you click Delete button, Case data will be deleted.	Case Register page will show.	See Fig 5.3 and 5.4

Before testing

Case Listing:						
CaseID	Name	Type	Case No	Court Name	Description	Action
3	Inheritance	Civil	16/2017	Western Court	Civil	Edit Delete
4	Muder	Criminal	34/17	Eastern Court	Criminal	Edit Delete
5	Rape	Civil	32/2017	Eastern Court	Civil	Edit Delete

Fig 5.3

After testing

Case Register	
Name	Type Case Name
Type	eg:Criminal or Civil
CaseNo	eg:23/2018
CourtName	Enter Court Name
Description	Enter description
<input type="button" value="Register"/>	<input type="button" value="Cancel"/>

Fig 5.4

Unit Test 6		Test Case: Update information for case	Designed by: YEE MON NYUNT WIN	
Data Source: Case Update		Objective: To make sure that admin can update case	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
6.1	Edit the information as much as user satisfied. The case data will change in database when user clicked the Update button.	Edit the information and click the Update button.	The message box will be show	See Fig 6.1 and 6.2

Before testing

Case Update

Case ID	3
Name	Inheritance
Type	Civil
CaseNo	16/2017
CourtName	Western Court
Description	Civil
<input type="button" value="Update"/> <input type="button" value="Cancel"/>	

Fig 6.1

After testing



Fig 6.2

Unit Test 7		Test Case: Checking case display page	Designed by: YEE MON NYUNT WIN	
Data Source: Case Display		Objective: Check the Case Display page	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
7.1	When click Case Register, user will reach to Case Register page.	Click the Case Register button, Case Registration form will be show.	Case Register page will show	See Fig 7.1 and 7.2

Before testing

Case List :

Name : Arson	Name : Muder
Type : Criminal	Type : Criminal
CaseNo : 16/2017	CaseNo : 34/17
Court Name : Western Court	Court Name : Eastern Court
Description : Arson means setting fire	Description : Criminal
Case Register?	

Fig 7.1

After testing

Case Register

Name	Type Case Name
Type	eg:Criminal or Civil
CaseNo	eg:23/2018
CourtName	Enter Court Name
Description	Enter description
<input type="button" value="Register"/>	<input type="button" value="Cancel"/>

Fig 7.2

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.1	It is not allowed to skip to fill in the Name field	Case Name can't be blank. If Name field is blank, the error message will show.	The error message will show	See Fig 8.1 and 8.2

Before testing

Case Register

Name	Type Case Name
Type	Criminal
CaseNo	123/2018
CourtName	High Court
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 8.1

After testing

Case Register

Name	Type Case Name
Type	Criminal
CaseNo	123/2018
CourtName	High Court
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

! Please fill in this field.

Fig 8.2

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.2	It is not allowed to skip to fill in the Type field	Case Type can't be blank. If Type field is blank, the error message will show.	The error message will show	See Fig 8.3 and 8.4

Before testing

Case Register

Name	Theft
Type	eg:Criminal or Civil
CaseNo	123/2018
CourtName	High Court
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 8.3

After testing

Case Register

Name	Theft
Type	eg:Criminal or Civil
CaseNo	
CourtName	
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 8.4

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.3	It is not allowed to skip to fill in the CaseNo field	Case No can't be blank. If CaseNo field is blank, the error message will show.	The error message will show	See Fig 8.5 and 8.6

Before testing

Case Register

Name	Theft
Type	Criminal
CaseNo	eg.23/2018
CourtName	High Court
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 8.5

After testing

Case Register

Name	Theft
Type	Criminal
CaseNo	eg.23/2018
CourtName	High Court
Description	Theft is taking someone
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Please fill in this field.

Fig 8.6

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.4	It is not allowed to skip to fill in the CourtName field	Court Name can't be blank. If Court Name field is blank, the error message will show.	The error message will show	See Fig 8.7 and 8.8

Before testing

Case Register

Name	Theft
Type	Criminal
CaseNo	123/2018
CourtName	Enter Court Name
Description	Theft is taking someone

Register Cancel

Fig 8.7

After testing

Case Register

Name	Theft
Type	Criminal
CaseNo	123/2018
CourtName	Enter Court Name
Description	Theft is taking someone

Register Cancel

Please fill in this field.

Fig 8.8

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.5	It is not allowed to skip to fill in the Description field	Case Description can't be blank. If Description field is blank, the error message will show.	The error message will show	See Fig 8.9 and 8.10

Before testing

Case Register

Name:	Theft
Type:	Criminal
CaseNo:	123/2018
CourtName:	High Court
Description:	Enter description
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

Fig 8.9

After testing

Case Register

Name:	Theft
Type:	Criminal
CaseNo:	123/2018
CourtName:	High Court
Description:	Enter description
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	Please fill in this field.

Fig 8.10

Unit Test 8		Test Case: Data entry for case registration	Designed by: YEE MON NYUNT WIN	
Data Source: Case Registration Form		Objective: To make sure that case registration form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
8.6	All information will be saved properly in case table in database when Register button is clicked	Case registration will be save when register button is clicked	The information will save.	See Fig 8.11 and 8.12

Before testing

The screenshot shows a 'Case Register' form. It contains the following fields:

- Name: Theft
- Type: Criminal
- CaseNo: 123/2018
- CourtName: High Court
- Description: Theft is taking someone

At the bottom of the form are two buttons: 'Register' and 'Cancel'.

Fig 8.11

After testing

CaseID	Name	Type	CaseNo	CourtName	Description
3	Arson	Criminal	16/2017	Western Court	Arson means setting fire
4	Muder	Criminal	34/17	Eastern Court	Criminal
6	Theft	Criminal	123/2018	High Court	Theft is taking someone things

Fig 8.12

Unit Test 9		Test Case: Checking Case Request View	Designed by: YEE MON NYUNT WIN	
Data Source: Case Request View		Objective: Check the Case Request View	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
9.1	When click Case Register button, user will reach to Case Register page	Click the Case Register button, Case Registration form will be show.	Case Register page will show	See Fig 9.1 and 9.2

Before testing

Registration Listing:

RegisterID	CaseNo	Name	Description	General Punishment
1	16/2017	Arson	Arson means setting fire in other purpose.	6 years
2	34/17	Murder	Murder is killing someone in certain purpose.	20 years
3	123/2018	Theft	Theft is taking someone things without permission from the owner.	10 years

[Case Register](#) | [Case display](#)

Fig 9.1

After testing

Case Register

Name	Type Case Name
Type	eg:Criminal or Civil
CaseNo	eg:23/2018
CourtName	Enter Court Name
Description	Enter description
<input type="button" value="Register"/>	<input type="button" value="Cancel"/>

Fig 9.2

Unit Test 9		Test Case: Checking Case Request View	Designed by: YEE MON NYUNT WIN	
Data Source: Case Request View		Objective: Check the Case Request View	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
9.2	When click Case Display button, user will reach to Case Display page	Click the Case Display button, Case Display form will be show.	Case Display page will show	See Fig 9.3 and 9.4

Before testing

Registration Listing:

RegisterID	CaseNo	Name	Description	General Punishment
1	16/2017	Arson	Arson means setting fire in other purpose.	6 years
2	34/17	Murder	Murder is killing someone in certain purpose.	20 years
3	123/2018	Theft	Theft is taking someone things without permission from the owner.	10 years

[Case Register](#) | [Case Display](#)

Fig 9.3

After testing

Case List :

Name : Arson	Name : Murder	Name : Theft
Type : Criminal	Type : Criminal	Type : Criminal
CaseNo : 16/2017	CaseNo : 34/17	CaseNo : 123/2018
Court Name : Western Court	Court Name : Eastern Court	Court Name : High Court
Description : Arson means setting fire		
Description : Murder is killing someone		
Description : Theft is taking someone things		

[Case Register](#)

Fig 9.4

Unit Test 10		Test Case: Data entry for lawyer login	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Login Form		Objective: To make sure that lawyer login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
10.1	It is not allowed to fill the wrong email format	Can't login with wrong email format	The error message will show	See Fig 10.1 and 10.2

Before testing

Login form

Email: tawt

Password: *****

Login Cancel

Fig 10.1

After testing



Fig 10.2

Unit Test 10		Test Case: Data entry for lawyer login	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Login Form		Objective: To make sure that lawyer login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
10.2	It is not allowed to fill wrong email	Need to write down the correct email from database	The error message will show	See Fig 10.3 and 10.4

Before testing

Login form

Email: ravi@gmail.com

Password: *****

Login Cancel

Fig 10.3

After testing



Fig 10.4

Unit Test 10		Test Case: Data entry for lawyer login	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Login Form		Objective: To make sure that lawyer login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
10.3	It is not allowed to fill wrong password	Can't login with wrong password	The error message will show	See Fig 10.5 and 10.6

Before testing

Login form

Email: ravi@gmail.com

Password: *****

Login Cancel

Fig 10.5

After testing



Fig 10.6

Unit Test 10		Test Case: Data entry for lawyer login	Designed by: YEE MON NYUNT WIN	
Data Source: Lawyer Login Form		Objective: To make sure that lawyer login form works properly.	Tester: YEE MON NYUNT WIN	
Test Case	Description	Test Procedure	Expected Result	Actual Results
10.4	After all correct information are filled, Admin Case View page will show when Login button is clicked	Lawyer login will be complete when login button is clicked and Admin Case View page will be show	Admin Case View page will be show	See Fig 10.7 and 10.8

Before testing

Login form

Email: ravi@gmail.com

Password: *****

Login Cancel

Fig 10.7

After testing

Case Listing:							
CaseID	Name	Type	Case No	Court Name	Description	Action	Action
3	Arson	Criminal	16/2017	Western Court	Arson means setting fire	Edit	Delete
4	Murder	Criminal	34/17	Eastern Court	Murder is killing someone	Edit	Delete
5	Theft	Criminal	123/2018	High Court	Theft is taking someone things	Edit	Delete

Fig 10.8

User Guide

Client Register

Client Register:

Name:	Enter your name
Age:	Enter your age
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Address	
Phone:	Enter Phone no(+91)***
Email:	example@gmail.com
Password at least 5 words	
Login	Register Cancel

1

Fill all information and click the register form. When user click Login button, It will go to login form.

Client Login Form

Login form

Email:	Example@email.com
Password:	*****
Login	Cancel

2

Fill the Email box and Password box with the information which user fill in the register form. After login successful, user will reach to Case Request View page.

Case Request View

Registration Listing:

RegisterID	CaseNo	Name	Description	General Punishment
1	45/46	Murder	this case for	1 year
2	10/33	Crime	This case is	1 year
3	30/29	Crime	This case if for	2 years
4	32/2017	Crime	This case	3 years

[Case Register](#) || [Case Display](#)

3

When user click Case Register button, user will reach to Case Register Form to request case. And when user click Case Display button, user will reach to Case Display page.

Case Register Form

Case Register

Name	Type Case Name
Type	eg:Criminal or Civil
CaseNo	eg:23V2018
CourtName	Enter Court Name
Description	Enter description
<input type="button" value="Register"/> <input type="button" value="Cancel"/>	

4

Fill all information in the form. User can make the request for their case.

Case Display Form

Case List :

Name : Inheritance

Type : Civil

CaseNo : 16/2017

Name : Muder

Type : Criminal

CaseNo : 34/17

Name : Rape

Type : Civil

CaseNo : 32/2017

Court Name : Western Court **Court Name :** Eastern Court **Court Name :** Eastern Court

Description : Civil

Description : Criminal

Description : Civil

Case Register?

5

This is Case Display page. When user click Case Register button here, user will reach to Case Register form.

Client Case View

Case Listing:

CaseID	Name	Type	Case No	Court Name	Description
3	Arson	Criminal	16/2017	Western Court	Arson means setting fire
4	Murder	Criminal	34/17	Eastern Court	Murder is killing someone
5	Theft	Criminal	123/2018	High Court	Theft is taking someone things

6

This is Case View where client can see with the meaning of criminal cases.

System Code

Functions	Description
Edit	Edit button is to allow admin to update the information.
Delete	Delete button is to delete the data.
Save	Save button is to save the data which filled by user and admin.
Cancel	Cancel button is to clear all the information while filling.
Login	Login button is to log into the account by filling email and password.
Register	Register button is to save the information to database.
Case Register	Case Register button is to go to Case Register page.
Case Display	Case Display button is to go to Case Display page.