

LAWYER FINDING SYSTEM

060010512 – Project

Semester: 5

Lawyer Finding System

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Chapter 1: Introduction

1.1 Project Definition:

Lawyer finding system (LFS) is a web application for lawyers and their service. This system will help lawyer(s) to manage their business systematically and help people to find an appropriate lawyer based on their needs. There shall be four main users in LFS Administrator, Lawyer, Client and visitors. Here people can search lawyers and request appointment with the lawyer they find is appropriate for their case, join meetings, pay charges, give feedback. Also lawyer can request for registration, accept/decline the requested appointment, Schedule meetings, schedule reminder, view payment details, view report.

1.2 Initial Requirement Document

Title of the project	Lawyer Finding System
Stakeholders involved in capturing requirement	Myself and Project Guide
Techniques used for requirement capturing	Interviewing and Brainstorming
Name of the person along with designation	Priya kanabar(student) Ms. Foram Shah (Faculty/Guide)
Date	5 August 2020
Users of the system	Lawyer, Client, Admin, Guest
Version	1.1
Consolidated list of initial requirements:	
1	Lawyers can request admin for their registration
2	Admin will manage request of lawyers, if request gets accepted system will generate a password and mail it to the lawyer as a confirmation of registration.
3	Registration for all users who want to proceed for further communication with lawyer will be mandatory.
4	Authentication will be done for all the registered users.
5	Registered users can manage their profile
6	All users would be able to view the details of lawyer's profile
7	Registered users can request for appointment and schedule a meeting with the lawyer they want. (request can be made only for the time slots which are available for respected lawyer)
8	Lawyers can manage requests for appointment with clients, if the request is accepted system will send a mail to the client about the details of meeting.
9	There will be a Google map integration to track lawyer office location.
10	All users shall have the facility to Search the lawyers by location and specialities of lawyer

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11	Clients can give feedback related to their lawyer.
12	There will be a facility of chat box(room) for discussion.
13	There will be a google calendar integration to arrange a personal meet (google-meet) between client and lawyer.
14	There will be a schedule reminder for all the registered users.
15	client can pay the charges of meeting to the lawyer (payment gateway).
16	The receipt for fees would be generated and mailed to client.
17	A report would be generated for: 1) List of the cases taken by lawyer at the end of every month. 2)feedback/ratings given by clients. (for admin) 3) List of number of users should be generated at the end of every month.

1.3 Project Objective:

The main aim of lawyer finding system (LFS) is to provide an application through which people can find lawyers according to their requirements in a way which is more effective and efficient. LFS will provide a digital platform where lawyers can register themselves to increase their business and network and visitors can register themselves to connect with lawyer.

LFS will help lawyers to increase their productivity by allowing lawyers to manage their schedule properly, it will also reduce the cost of an office for lawyers by providing a way for arranging meetings online, LFS will provide an easy way for communication between lawyer and client. Another goal of LFS is to save amount of time required for searching lawyers and expenditure of money on travelling, also to save environment by decreasing pollution created by travelling for meetings.

1.4 Product Scope:

Lawyer finding system (LFS) is primarily structured to provide Business-to-consumer(C2C) service. It is designed in such a way that lawyers and general people can use it. Lawyers need to request for getting registered in system to admin, only those lawyers would be allowed to access the system whose details are verified accepted by admin. Any person who wants to find a lawyer for their work can register in the system and request for appointment. A person can communicate with lawyer only if lawyer accepts the appointment request. After finalization of appointment only lawyer can schedule the online meetings for communication with clients and client can join the meeting

Primary functions of LFS are:

- Searching lawyer.
- Requesting appointments
- Managing Appointments.
- Scheduling meetings

Chapter 2: System Specific Requirements

2.1 Functional Requirements:

1: Registration and Login

RN	Description	Comments
FR1	<p>System shall provide an interface to:</p> <ol style="list-style-type: none"> Lawyers for registering through admin's permission by providing following details: <ul style="list-style-type: none"> Photo, Name, Office Address, Email Id, Gender, Contact no, Date of birth, Experience, Specialization, Achievements, license. Visitor can register themselves on their own by providing details like: <ul style="list-style-type: none"> Photo, Name, Address, Email Id, Gender, Contact no, Password, Date of birth 	Registration form
FR2	<p>A login facility for authentication and enabling only authorized access to the system.</p> <ul style="list-style-type: none"> User needs to provide a login id and password for verification, if they are valid then the user will be directed to the respective dashboard otherwise it will display an invalid credentials message 	Login form
FR3	System will provide a change password facility where user can change the password if needed.	Change password
FR4	<p>System shall provide a facility of forgot password if the user has forgotten the password</p> <ul style="list-style-type: none"> when user will request for new password system will generate a OTP which will be mailed to user and after verification of OTP user can change the password 	Login form Forgot password

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FR5	<p>All registered users shall be able to maintain their profile</p> <ol style="list-style-type: none"> Users will be able to update their profile which includes <ul style="list-style-type: none"> address, contact no and profile picture only. Users will be able to view their profile 	User Profile
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2: Searching-Lawyer

RN	Description	Comments
FR1	<p>All users will be able to search lawyer(s) and view their profile to examine their details.</p> <p>Users can search by:</p> <ul style="list-style-type: none"> The location of lawyer. The specialization of lawyer. 	Search lawyer interface
FR2	There will be a google-map facility available for clients to track the lawyer's office.	Locating lawyer's office

3: Request appointment

RN	Description	Comments
FR1	<p>Clients shall be able to request an appointment with the lawyer they want.</p> <p>Clients will request appointment by providing following details:</p> <ul style="list-style-type: none"> Description of case Budget of client(approximate) Uploading any document having details of case Appointment time and date (System will only display the time slots which are available for a particular lawyer) 	Request appointment interface
FR2	Lawyer shall be able to view the details given by client before accepting appointment	

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FR3	<p>Lawyer can manage the request's for appointments.</p> <ol style="list-style-type: none"> 1. Approve appointment: <ul style="list-style-type: none"> • Once appointment is approved lawyer will schedule a meeting with client according to the appointment time and date which will be mailed to user. 2. Reject appointment: <ul style="list-style-type: none"> • If lawyer rejects the request then also user will be notified through mail 	View appointment
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4: Chat-box and meet

RN	Description	Comments
FR1	System shall provide a facility of chat room for providing a communication interface except meetings for in between talks and other discussions.	Chat-box interface
FR2	There will be a google-calendar (for meet) integration for providing the facility to schedule an online meet for lawyers and clients	Google-calendar interface
FR3	<p>Lawyer can schedule the meeting through google calendar</p> <p>Client can only join the meeting</p>	

5: Schedule reminding

RN	Description	Comments
FR1	System shall provide a facility for reminding schedule to client and lawyer.	
	<p>Lawyer and client both can:</p> <ul style="list-style-type: none"> • Add reminder • Update reminder 	

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FR2	<ul style="list-style-type: none"> Delete reminder View reminder for their schedule. 	Arrange Schedule
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6: Manage Case-form

RN	Description	Comments
FR1	Lawyer can create a case form in which he can store details of client's case.	
FR2	Lawyer can: <ul style="list-style-type: none"> Add case-form Search case-form Update case-form View case-form 	Case-form interface
FR3	Clients shall be able to view case form details.	
FR4	Admin can view total number of cases of al lawyer(s)	

7: Manage Feedback

RN	Description	Comments
FR1	Client can give suggestions and their views by sharing their experience relate to system.	Feedback form
FR2	Client can rate lawyer on the basis of their experience, rating given by them will be maintained on lawyer's profile	
FR3	Admin can view feedback given by clients	

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8: Manage Payment

RN	Description	Comments
FR1	client can pay the meet charges through payment gateway.	Payment gateway
FR2	Client can view the receipt of payment.	payment receipt
FR3	Lawyer can view details of payments	

9: Report

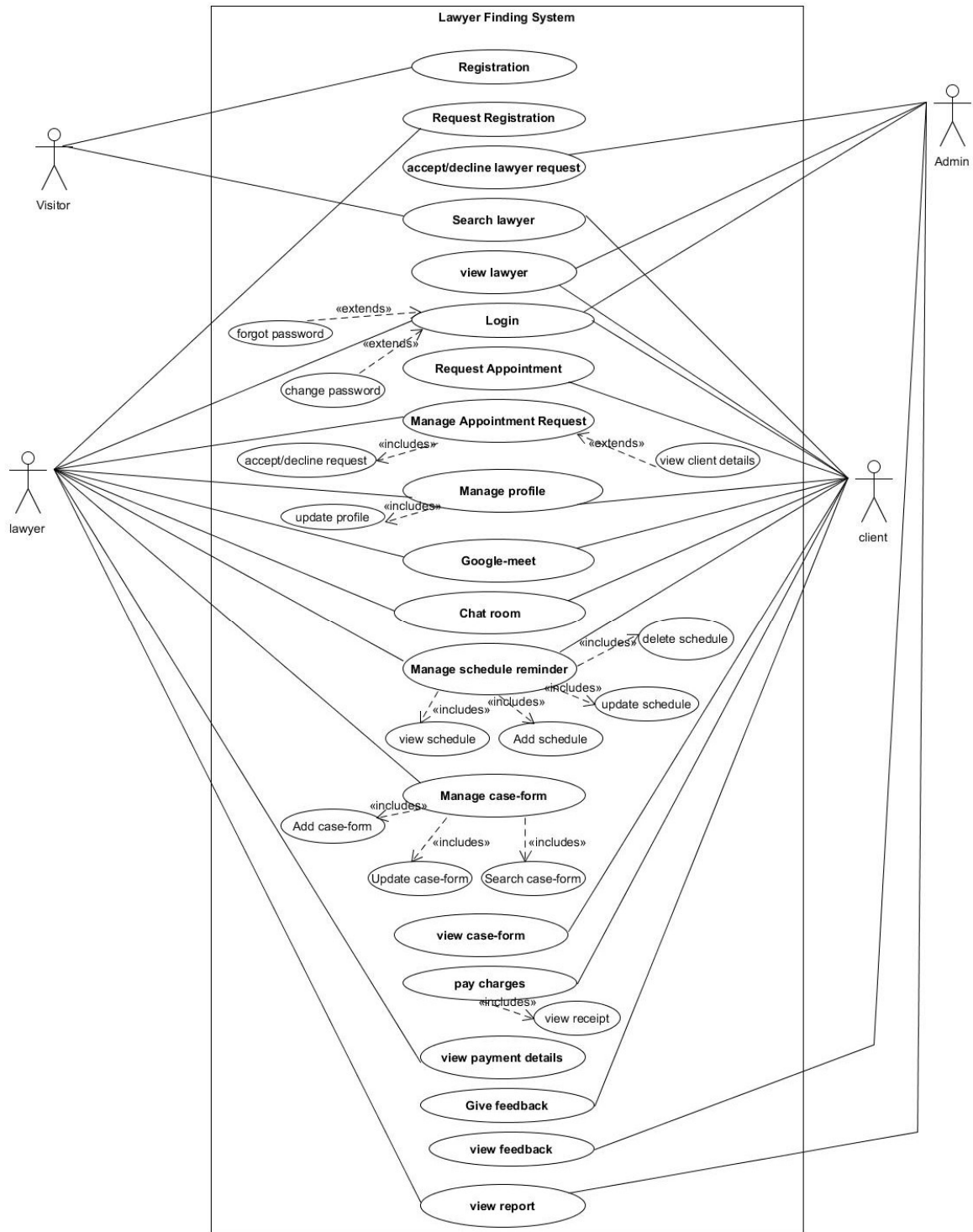
RN	Description	Comments
FR1	Admin can generate a report which will show number of users in the system. (every month)	Report generation
FR2	Lawyer can view a report of total number of cases handled by them.	View report
FR3	Admin can generate a report for the feedbacks given by clients. (every month)	

4.2 Non-functional Requirement

RN	Description	Comments
NFR1	For using system it is required to learn, operate and understand the functions of software, considering the ease of each user a user friendly interface is made so that every user can easily understand the way to use the system and get familiar.	Usability
NFR2	The working and operations of software are as simple as possible	Simplicity
NFR3	Efforts are done for Fixing the errors during maintenance phase	Maintainability
NFR4	All user's password will be stored in encrypted form.	Security

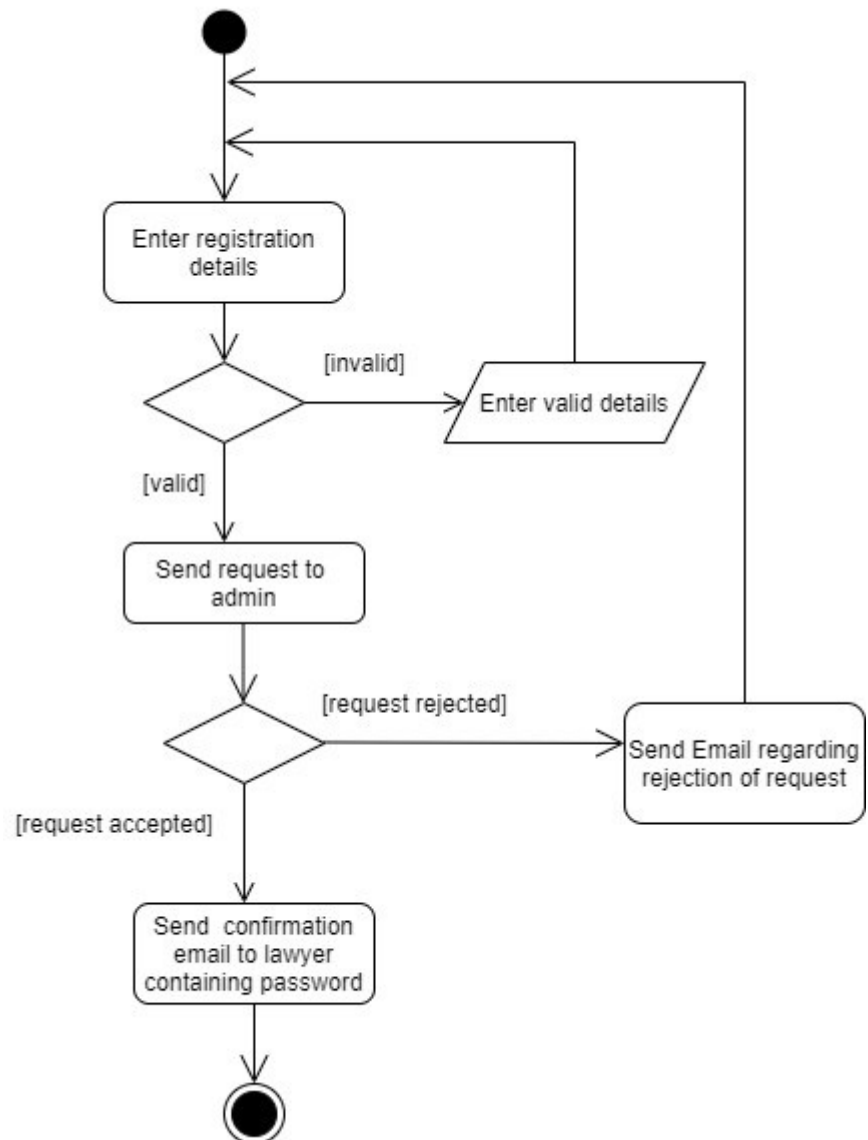
Chapter 3: System Analysis

3.1 Use Case Diagram for Lawyer finding system



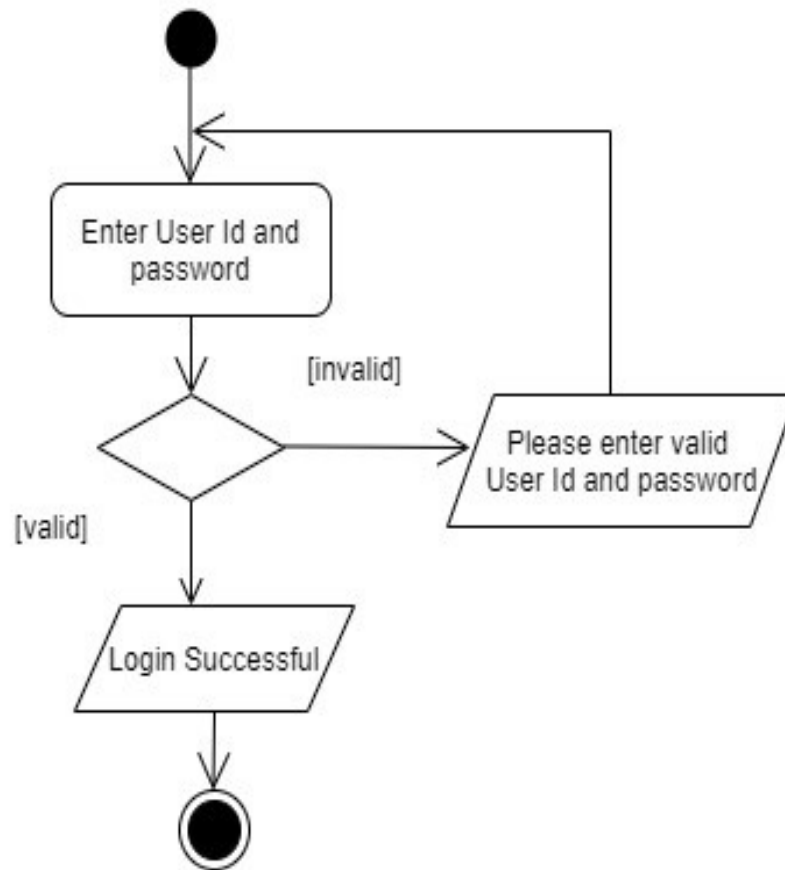
3.2 Activity Diagrams:

- Activity diagram for lawyer registration



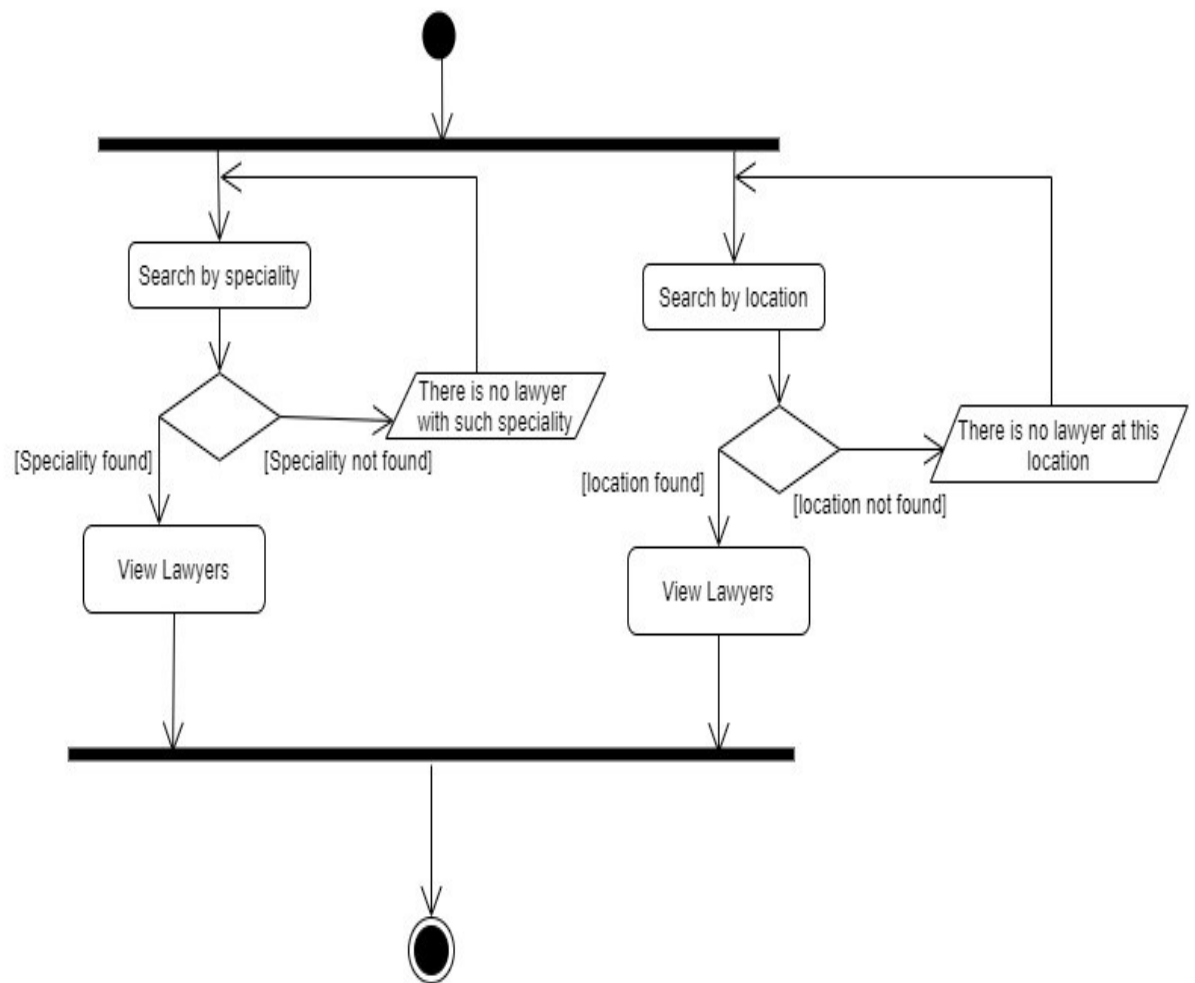
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- Activity diagram for login



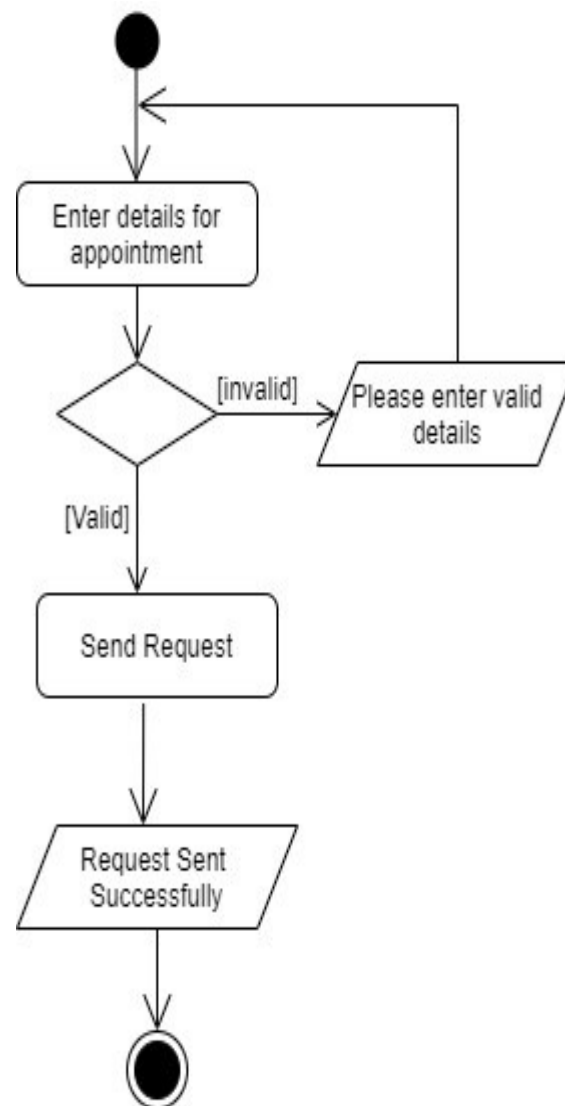
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- Activity diagram for Searching lawyer



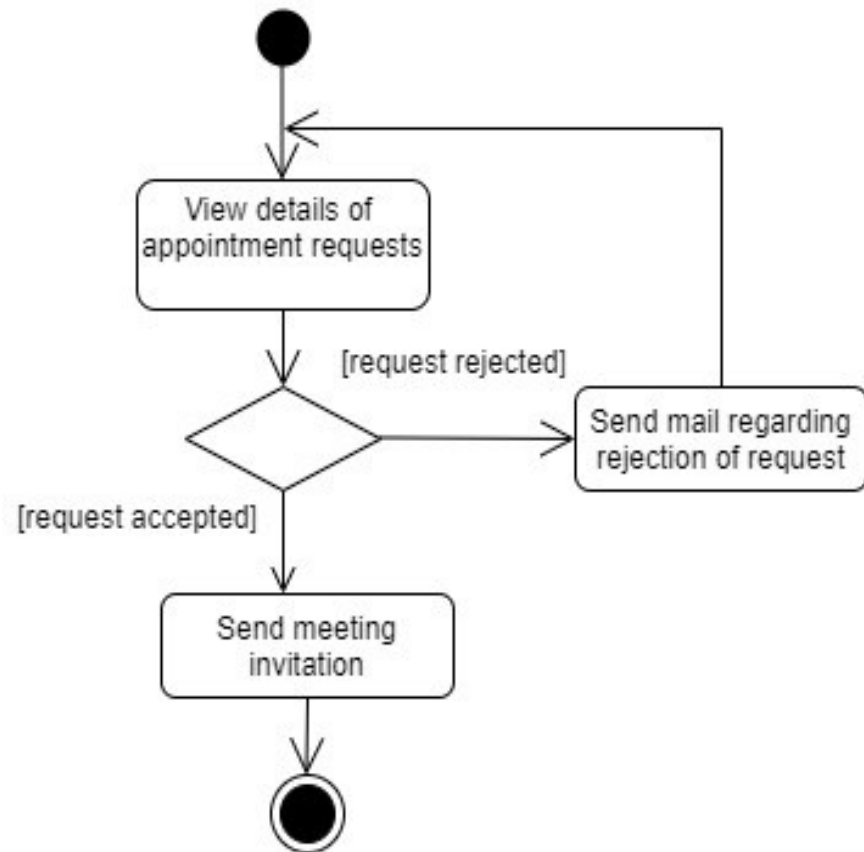
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- Activity diagram for Requesting appointment



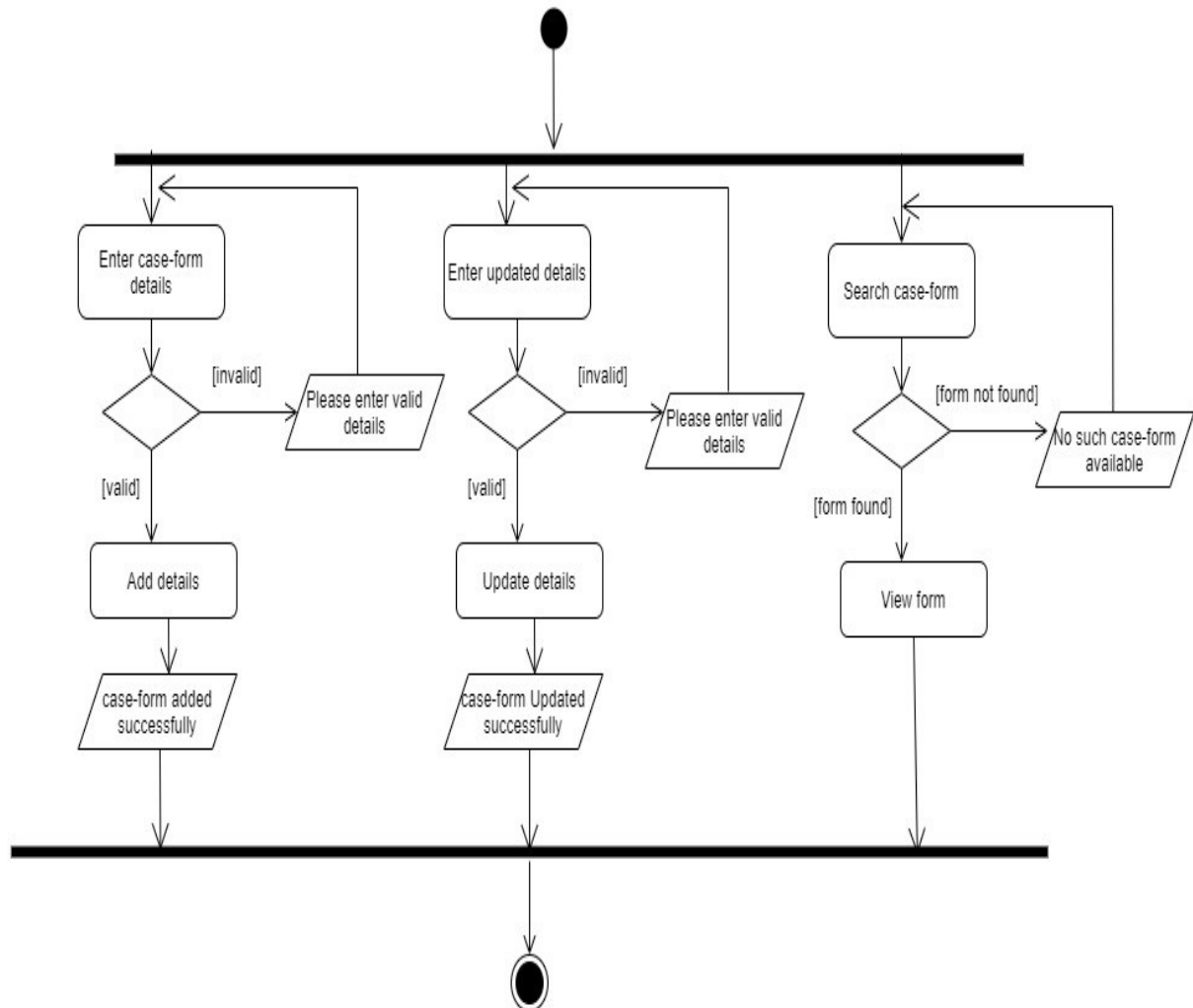
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- Activity diagram for manage appointment



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- Activity diagram for manage case-form



- Activity diagram for Payment

