

**SOFTWARE REQUIREMENT
SPECIFICATION FOR LAWYER
NEST DATA SYSTEM**

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1.1. Purpose

The purpose of this document is to develop a SRS document that is used as a guide for the developer and a software documents that satisfies the requirements of clients with ease .

1.2. Scope

This system helps the customers to search for lawyer services basing his or her requirement and apply for appointment and make online payment.

1.3 Product perspective

1.3.1. System interfaces

This system is designed in such a way that the future plans of expansion can be implementing easily without affecting future. The registered user can see all information about the

products, searching and viewing product details. This can be run in chrome, Firefox, or any other web browser.

1.3.2 User interface

User interfaces should be user-friendly in order to make the interaction as instinctive and intuitive as possible. This application has menu, buttons, textboxes, . This system helps the user to control the system with mouse or keyboard. This system contains home page that includes login, registration, feedback , admin, search for lawyers. The customer can select their lawyer according to their requirements . They can have online payment and can add testimonial to website.

1.3.3. Hardware interface

The hardware characteristics of each interface between software product and the hardware components of the system . The system should need proper internet connection for web application to work properly.

1.3.4 Software interface

This system is concerned with lawyer's information handling and keeping all the data in a proper way that maintained without any error. Here we use a programming language

python .It also contains database that stores information. We also use Django that encourages rapid development and clean, pragmatic design.

1.3.5. Communication interface

The system follows the client-server model. It should follow some protocols.

1.3.6. Memory constraints

Here we need only 4GB memory for storage and processing .

Product function

This application is used to search for lawyers basing their requirement without wasting time. Information related to website which customers can browse through and view their profile and his rating before contacting them.

1.4. User characteristics

The main function is that the customer can search for lawyers services basing their requirements and apply for appointment

and make online payment. Admin manage information that will seen in homepage and manage profiles. Lawyers view details of customers.

1.5. Assumptions and dependencies

The customer should login with their registration ID and password . They should need good software internet connection.

1.6. Acronyms and abbreviations

Here we don't have use any abbreviation and acronyms. We use bold letters to represent main functions of. System.

2. Requirements

2.1. External interfaces

This are typically a products lifeline to the outside world. Some of the interfaces are user interface, software interface, and hardware interface.

2.1.1. User interfaces

We use python which vere user-friendly that helps customer to interact . We also use SQLite that develop powerful software.

2.1.2. Hardware interfaces

The local address of the system will be in IPV6 format.

2.1.3. Software interfaces

The system must contain database that must be organised according to user requirement. The system should communicate to identify all components.

2.1.4. Communication interface

Here we use client server architecture. We have secured communication between client and server using HTTPS.

2.2 Functions

2.2.1 Registration of customers

Customers can register and can login with their login and password for searching lawyers.

2.2.2. Making an appointment

Customers can have their appointments with their corresponding lawyers.

2.2.3. Office Location

Lawyers can give their office location through googlemap.

2.2.4. Feedback

Customers can add their feedback about their lawyers whether good or bad.

2.3. Usability requirements

This system is very user friendly . The customer only need login and search for their lawyers.

2.4. Performance requirements

The performance of the system should be good. It should not be slow or lagging.

2.5. Database requirements

A well designed database is essential for the good performance of the system . The most important aspect of building application is the design of database that stores according to user requirement .

2.6. Design constraints

Design allows you to create a model that can be assessed for quality and improved content. Design is the place where WebApp quality is established.

2.7. Software system attributes

This application should be run in any browser without any lagging. All the data should be sequire.

3. Verification

This system computarizes all manual activities in existing site. All functional and non-functional requirements are satisfied.

4. References

- Software requirements specification document for ReqView
- <https://www.w3schools.com/python>