



Local Service Search Engine Management System

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Abstract : Local services search engine management system (LSSEMS) is a web based application which helps user to find serviceman in a local area such as maid, tuition teacher, plumber etc. LSSEMS contain of serviceman (maid, tuition teacher, plumber etc.) The main purpose of LSSEMS is to systematically record, store and update the serviceman record.

Keywords: Digital Database, Local Service Search Engine, User-Friendly Assessment Systems, Local Area Based Result.

I. INTRODUCTION

Local Service Search Engine Management System is a web -based application which provides technology based platform to users to take care of daily needs. This application manages all critical minor concern. It can help user to get the serviceman of locality at doorstep . It is an web application which serving as a platform for users and services providers to interact each other about delivering the desired service. In this project there are two modules i.e. admin and users.

II. OBJECTIVES

The objective of this project is:

- Streamline business operations by integrating the management system with the local service search engine, optimizing processes such as appointment scheduling, order fulfillment, and inventory management.
- Incorporate features for randomization of questions and adaptive testing to customize exams based on individual student performance.
- Implement secure and privacy-compliant data transfer mechanisms between the local service search engine and the management system to protect customer information.

III. SCOPE

This web application solve all household problems by providing a platform for Users and service provider to interact each other about delivering the desired services

IV. LITERATURE REVIEW

A literature review for a local service search engine management system (LSSEMS) would involve examining existing research and publications related to various aspects of such systems. Below is a structured literature review that covers key areas in the context of LSSEMS:

1. Introduction to Local Service Search Engines:
 - Define the concept of local service search engines and their significance in connecting users with relevant services in their locality.
 - Explore existing literature on general search engine management systems and their evolution.
2. User Behavior and Expectations:
 - Investigate studies on user behavior in the context of local service searches.
 - Analyze user expectations, preferences, and factors influencing their choice of local service search engines.
3. User Experience (UX) Design:
 - Review research on UX design principles for local service search engines.
 - Identify studies that focus on enhancing user satisfaction, navigation, and engagement in the context of local service searches.



4. Business Models and Monetization Strategies:
 - Examine research on various business models adopted by local service search engines.
 - Evaluate the effectiveness of different monetization strategies and their implications for sustainable LSSEMS development.
5. Quality of Service and Information Accuracy:
 - Investigate studies addressing the challenges of maintaining the quality and accuracy of information in local service search engines.
 - Assess the impact of user-generated content and reviews on the reliability of the information presented.
6. Social and Economic Impacts:
 - Explore literature on the social and economic impacts of LSSEMS on local businesses, communities, and economies.
 - Evaluate case studies or empirical research that highlight success stories or challenges faced by businesses using LSSEMS.
7. Future Trends and Challenges:
 - Identify emerging trends in LSSEMS development and management.
 - Discuss challenges and potential areas for future research and improvement in local service search engine technologies.

V. NEED OF WORK

A local service search engine system addresses the needs of both consumers and service providers by providing a convenient and efficient way to connect, fostering economic growth, and enhancing the overall local service ecosystem.

VI. PROBLEM STATEMENT

In the dynamic landscape of local services, the seamless integration of local service search engines with management systems remains a critical challenge. While local service search engines provide users with convenient access to a myriad of local businesses, the lack of effective integration with management systems hinders businesses in optimizing their operations and enhancing customer experiences. The existing gap raises concerns about efficiency, data accuracy, and overall business effectiveness.

VII. PROPOSED METHODOLOGY

The complete project is developed in HTML; CSS which is user-friendly as well as it is an object-oriented programming language. Our project is totally web-based project. In this project we flask to connect HTML and PHP. There are totally six modules. which helps user to find serviceman in a local area such as maid, tuition teacher, plumber etc. LSSEMS contain of serviceman (maid, tuition teacher, plumber etc.) The main purpose of LSSEMS is to systematically record, store and update the serviceman record.

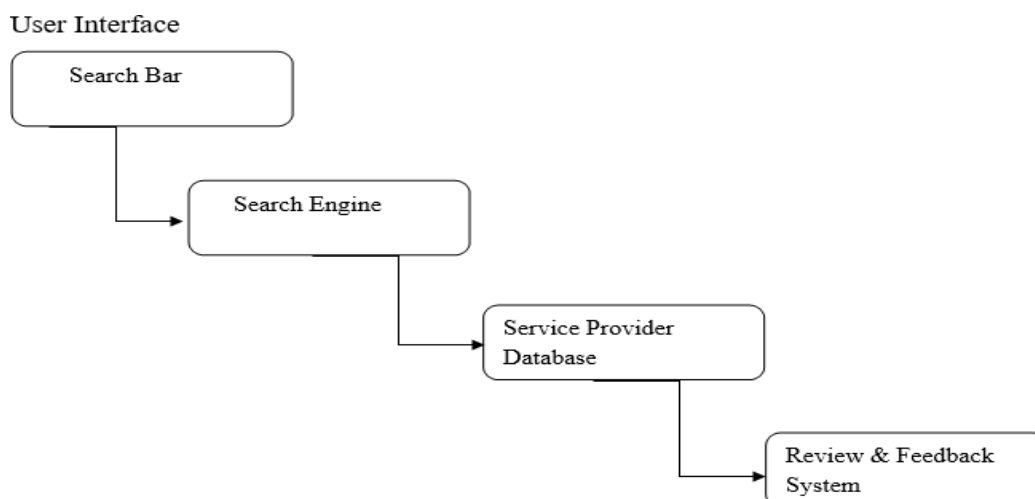


Fig. 1: Local Service Search Engine Management System.



1) **User Registration:-**

First we will open the user registration form and then we will fill the information in the form. All options are regarding digital book library.

1. **Login:-**

First we will open the login page and then login page will be display on the screen .then we fill up the required information and click on the submit button.

2. **Categories :-**

User can view category wise serviceman details.

3. **About Us:-**

User sees the details of website administrator.

4. **Contact Us :-**

User can contact the details of website administrator.

1) **Local Service Search Engine Management System:**

LSSEMS is a web based application which provides technology based platform to users to take care of daily needs. This application manages all critical minor concern. It can help user to get the serviceman of locality at doorstep . It is an web application which serving as a platform for users and services providers to interact each other about delivering the desired service. In this project there are two modules i.e. admin and users.

2) **Display the provider information :-**

What we have searched it is display on screen.

3) **Database:**

In database we stored the relevant information in this.

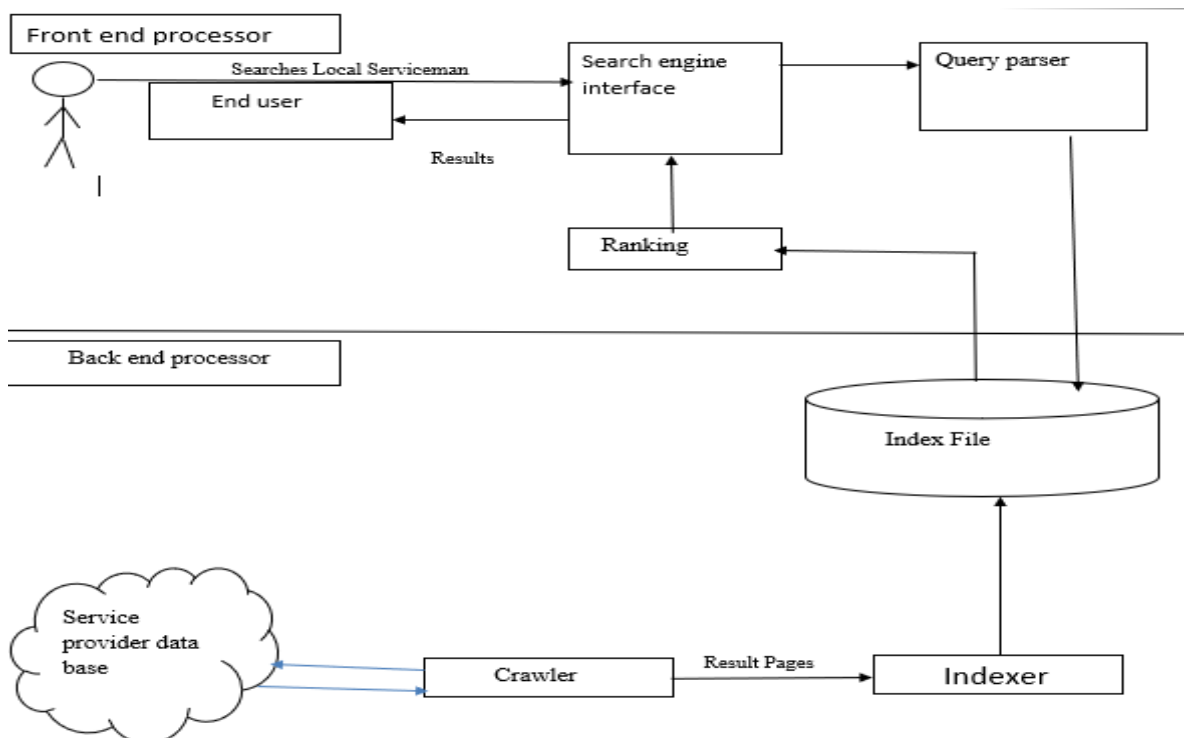


Fig 2: System Architecture



Advantages of Proposed System

- Location based Result.
- Support for Small Business.
- Marketing Opportunity.
- Security and Privacy.

VIII. MODULE DESCRIPTION

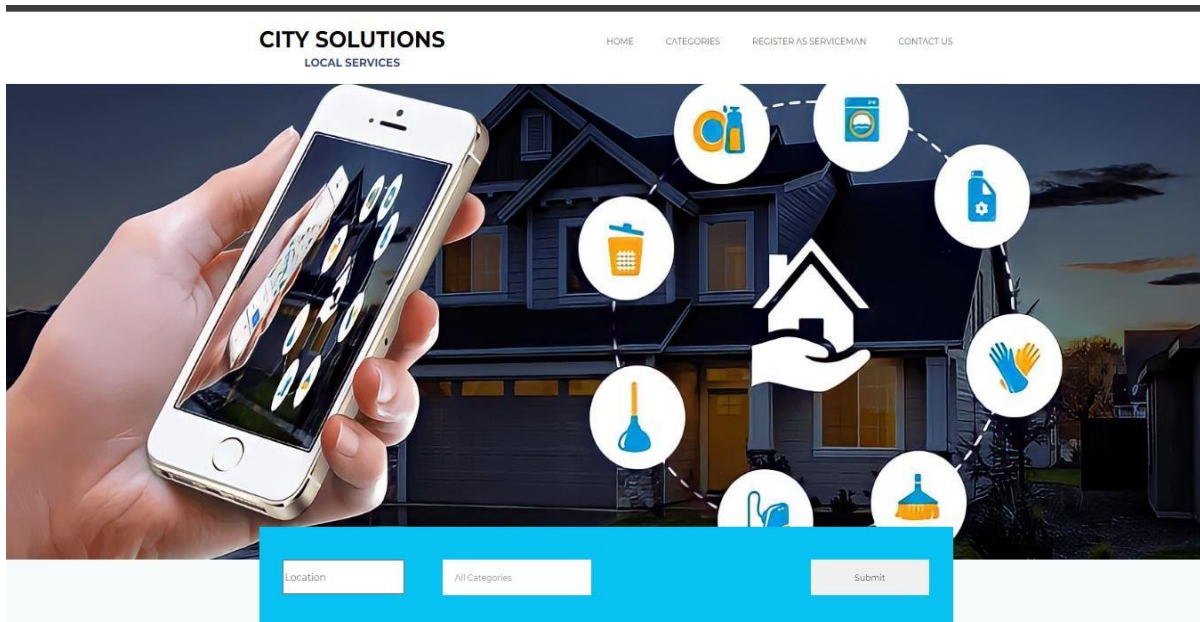


Fig 3. Home Page

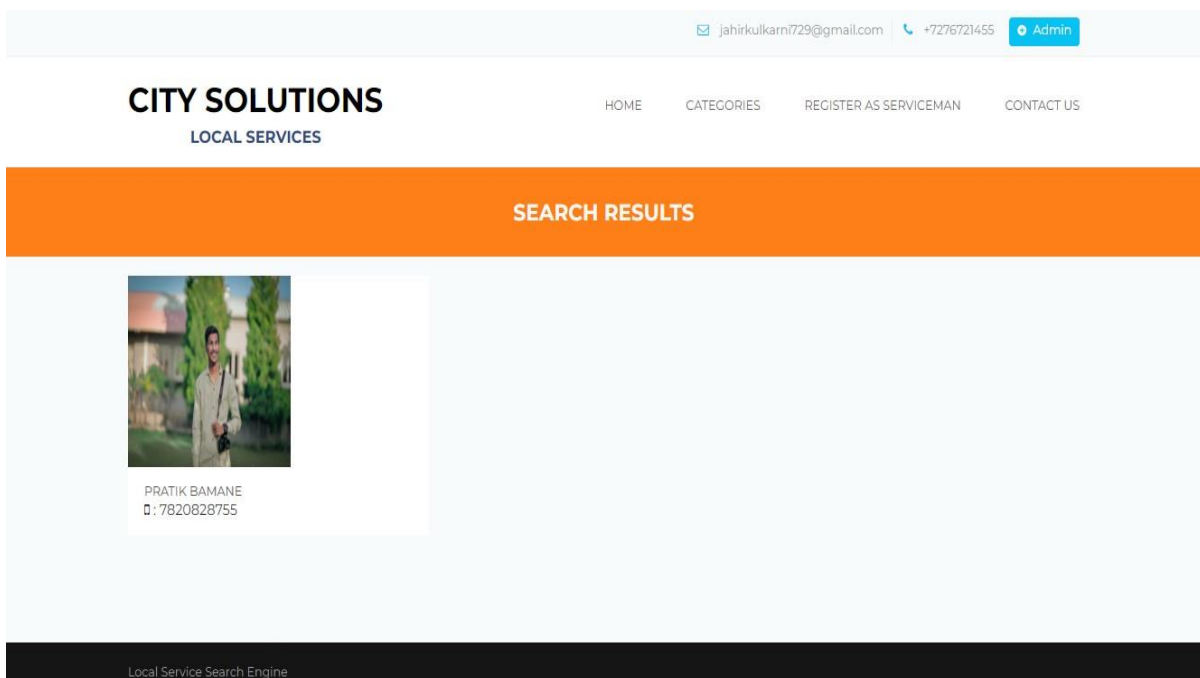


Fig 4: Location Based Result Page

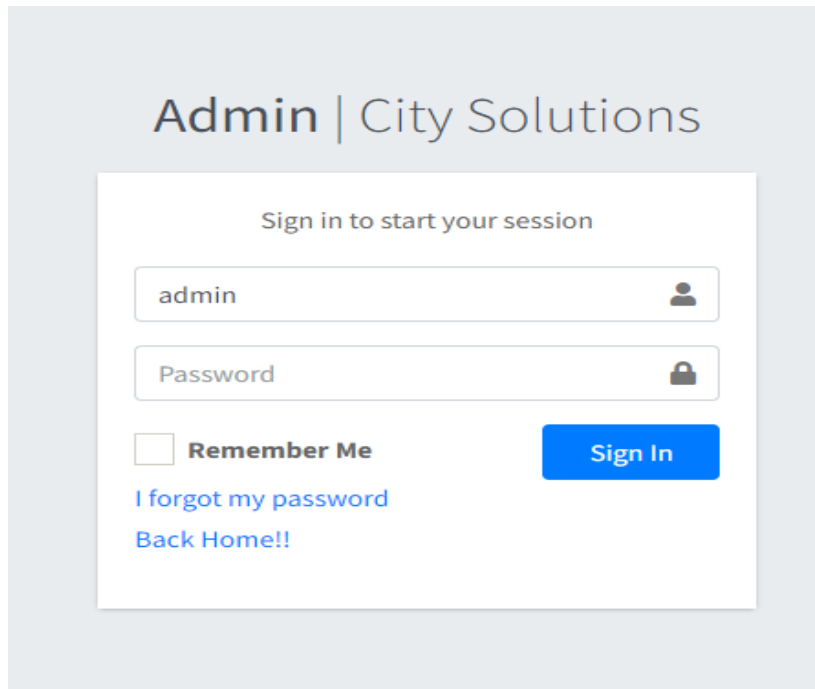


Fig 5: Admin Login Page

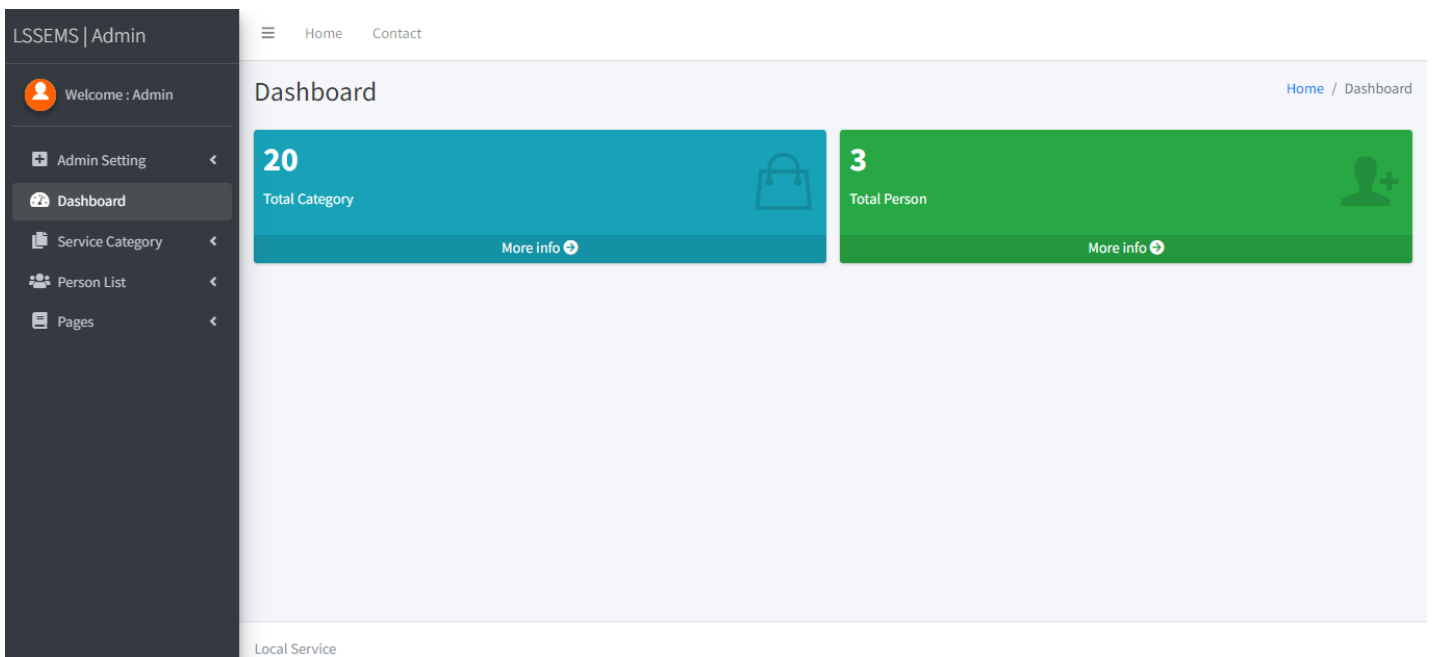


Fig 6: Admin Dashboard Page



LSSEMS | Admin

Welcome : Admin

- Admin Setting
- Dashboard
- Service Category
- Person List
- Pages

Home / Manage Category

Manage Category

Show 10 entries

Search:

S.No	Category Name	Creation Date	Action
1	Maid	2024-01-29 15:07:43	Edit
2	Driver	2024-01-29 15:08:17	Edit
3	Cook	2024-01-29 15:08:45	Edit
4	Milkman	2024-01-29 15:09:13	Edit
5	Tuition Teacher	2024-01-29 15:09:53	Edit
6	Car Cleaner	2024-01-29 15:12:26	Edit
7	Gym Instructor	2024-01-29 15:12:57	Edit

Fig 7: Manage Category Page.

LSSEMS | Admin

Welcome : Admin

- Admin Setting
- Dashboard
- Service Category
- Person List
- Pages

Home / Manage Person

Manage Person

Show 10 entries

Search:

S.No	Category	Name	Mobile Number	Registration Date	Action
1	Photographer	Pratik Bamane	7820828755	2024-01-25 12:42:54	Edit Delete
2	Hardware & Plywood Shop	Nikhil Phase	9156624449	2024-02-10 10:17:14	Edit Delete
3	Construction	Samir Shaikh	7020115581	2024-02-10 10:29:37	Edit Delete

Showing 1 to 3 of 3 entries

Previous 1 Next

Local Service

Fig 8: Manage Person list Page.



Fig 9: Admin Add Person Page

IX. REQUIREMENTS

- **Hardware Requirements**
- Processor : Intel(R) Core(TM) i5
- Speed: 2.80 GHz
- RAM: 8 GB
- Hard Disk : 40GB
- Monitor: Dell
- **Software Requirements**
- Operating System : Windows 10 Enterprise
- Front End : HTML, CSS, java script.
- Back End : MySQL
- Other: Microsoft Word

X. CONCLUSION

This application provides an online version of Local Service System which will benefit the system administrator who wants to maintain records of serviceman and also help to users who search serviceman according to his/her requirement in their own locality.

It makes entire process online and can generate reports.

The Application was designed in such a way that future changes can be done easily. The Following conclusions can be deduced from the Development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The system has adequate scope for modification in future if it is necessary.

**XI. FUTURE SCOPE**

It provides a platform for Users and service providers to interact each other about delivering the desired service. It can help to several small scale businesses to grow.

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