DOMESTIC SERVICES SEARCH ENGINE MANAGEMENT SYSTEM

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ABSTRACT:
Domestic Services Search Engine Management System (DSSEMS) is a web based application which helps user to find serviceman in a local area such as maid, tuition teacher, plumber etc. DSSEMS contain data of serviceman (maid, tuition teacher, plumber etc.). The main purpose of DSSEMS is to systematically record, store and update the serviceman records.

KEYWORDS: DSSEMS, DATA OF SERVICEMAN

INTRODUCTION:
DSSEMS is a web based application which helps user to find serviceman in a local area such as maid, tuition teacher, plumber etc. Domestic Service Search Engine Management System (DSSEMS) contain data of serviceman (maid, tuition teacher, plumber, etc.). The main purpose of Domestic Service Search Engine Management System (DSSEMS) is to systematically record, store and update the serviceman records. It is a web application which serving as a platform for users and service providers to interact each other about delivering the desired service. In this project there are two modules i.e. admin and user. This Application provides an online version of Domestic Service System which will benefit the system administrator who wants to maintain records of serviceman and also help to users who search serviceman and also help to users who search serviceman according to his/her requirement in their own locality. Domestic Service Search Engine Management System (DSSEMS) is a web based application which provides technology based platform to users to take care of their daily needs. This application manages all critical minor concern. It can help user to get the serviceman of locality at doorstep. It is a web application which serving as a platform for users and service providers to interact each
other about delivering the desired service. In this project there are two modules i.e. admin and user.

II. SYSTEM ARCHITECTURE

**Hardware Requirement:**

**Client Side:**

<table>
<thead>
<tr>
<th>RAM</th>
<th>2GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harddisk</td>
<td>250GB</td>
</tr>
<tr>
<td>Processor</td>
<td>2.0GHz</td>
</tr>
</tbody>
</table>

**Server Side:**

<table>
<thead>
<tr>
<th>RAM</th>
<th>2GB</th>
</tr>
</thead>
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<td>Harddisk</td>
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</tbody>
</table>

**Software Requirement: Client Side:**

<table>
<thead>
<tr>
<th>Web Browser</th>
<th>GoogleChrome or any compatible browser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Window or any equivalent OS</td>
</tr>
</tbody>
</table>
ServerSide:

<table>
<thead>
<tr>
<th>Web Server</th>
<th>APACHE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serverside Language</td>
<td>PHP5.6 or above version</td>
</tr>
<tr>
<td>DatabaseServer</td>
<td>MYSQL</td>
</tr>
<tr>
<td>Web Browser</td>
<td>GoogleChrome or any compatible browser</td>
</tr>
<tr>
<td>OperatingSystem</td>
<td>Windows or any equivalent OS</td>
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</tbody>
</table>

III. SYSTEM Modules:

 AdminModule

 UserModule

ADMIN MODULE:

 AdminSetting: In this section, admin can update his/her profile, change password and logout.

 Dashboard: In this section, admin can briefly view total number of category and total number of person.

 ServiceCategory: In this section, admin can manage category (Add/Update).

 PersonList: In this section, admin can manage person (Add/Update).

 Pages: In this section, admin can manage about us and contact us pages.

Admin can update his profile, change password and recover password.

UserModule:

 HomePage: User can visit home page and view category wise service and details.

 Categories: User can view category wise service and details.

 About Us: User can see the details of the website administrator.

 Contact Us: User can contact with website administrator.
IV. EXISTINGSYSTEM:

In present it is too difficult to search serviceman in local area. We can’t get serviceman without any personal contact and searching them is waste of time and very time consuming. This application solves this issue at one single click.

Disadvantage of Existing System:

- **Not user friendly:** Present system not user friendly because data is not stored in a structured and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lot of paperwork:** Person record maintain in the register so lot of paper requires storing details.
- **Time consuming:** Time consumption of current system is more than expected.

PROPOSED SYSTEM:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization. The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer’s requirements into finished software or a system. Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

DATA FLOW DIAGRAM:

LEVEL 1:
Level 2:

Admin -> login

-> Update profile

-> Add category

-> Add & update Person list

-> Manage category
LEVEL 3:

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 servicemen according to his/her requirement in their own locality. It makes the 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 the 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 easier.
- System security, data security, and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

References

For PHP:
[1] https://www.w3schools.com/php/default.asp

For MySQL:
[1] https://www.mysql.com/
For XAMPP