

Software Requirements Specification

For

Home Services Booking Web Application

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1.INTRODUCTION:

(I) Purpose of this document:

In the current era of faster service availability, if any customer wants to use any household services like Plumbing, Electrical, Electronic, Mechanical, Pest Control, Home Paint and Machine Repairing, and the like, they need to go through a personal or telephonic meetings. It is difficult for any customer to find such services in emergency at any time and place. So, we are presenting such an idea of having a web application which will help customers to find out solution for any problems related to all these household services regardless of time and location.

(II) Scope of this document :

The scope of our project is to designing a complete environment to provide a safe and user friendly environment for online service booking. The main aim of the project is to provider an easy to use application for services provided for customer.We often get frustrated while taking the appointment of service provider because there the many problems are occur, like the service provider is busy art somewhere else or his not receiving our call or his cost is very high according to problem. So in this project we will remove this headache.

(III) References:

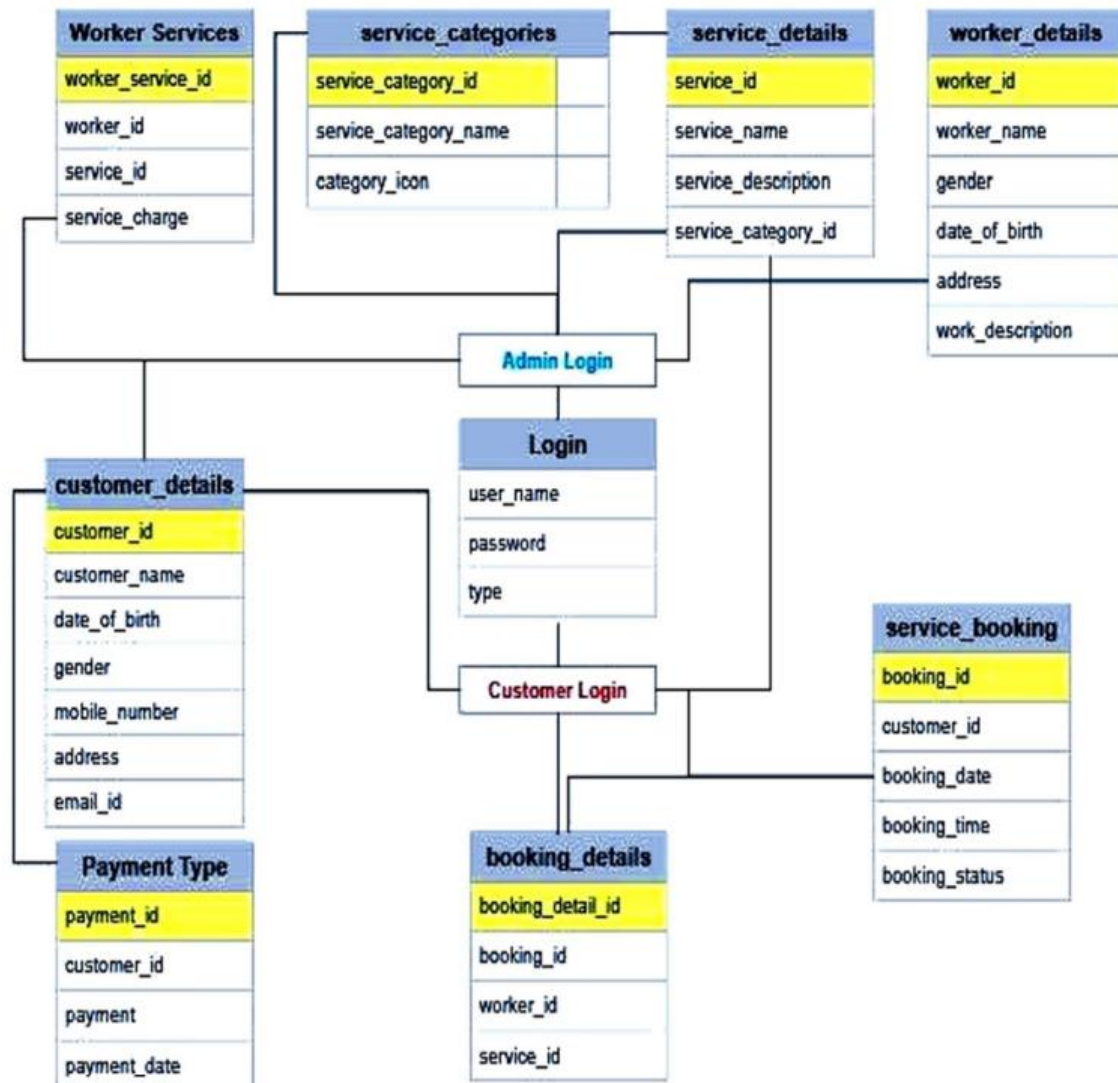
[1] Shahrzad Shahriari, Mohammadreza Shahriari, Saeid gheiji. “ ECommerce And It Impactson Global Trend And Market”.International Journal of Research – Granthaalayah. Vol.3 (Iss.4): April, 2015.

[2] L.RichardYe, Yue Jeff Zhang, Dat-DaoNguyen, James Chiu,“Fee-based online services: Exploring consumers’willingness to pay ”. Journal of International Technologyand Information Management.

[3] Bo Zhang, Ruihan Yong, Meizi Li, Jianguo Pan, Jifeng Huanglaa, “ A Hybrid Trust Evaluation Framework for Ecommerce in Online Social Network: ”. 2169-3536 (c) 2016 IEEE. Translations and content mining are permitted for academic research

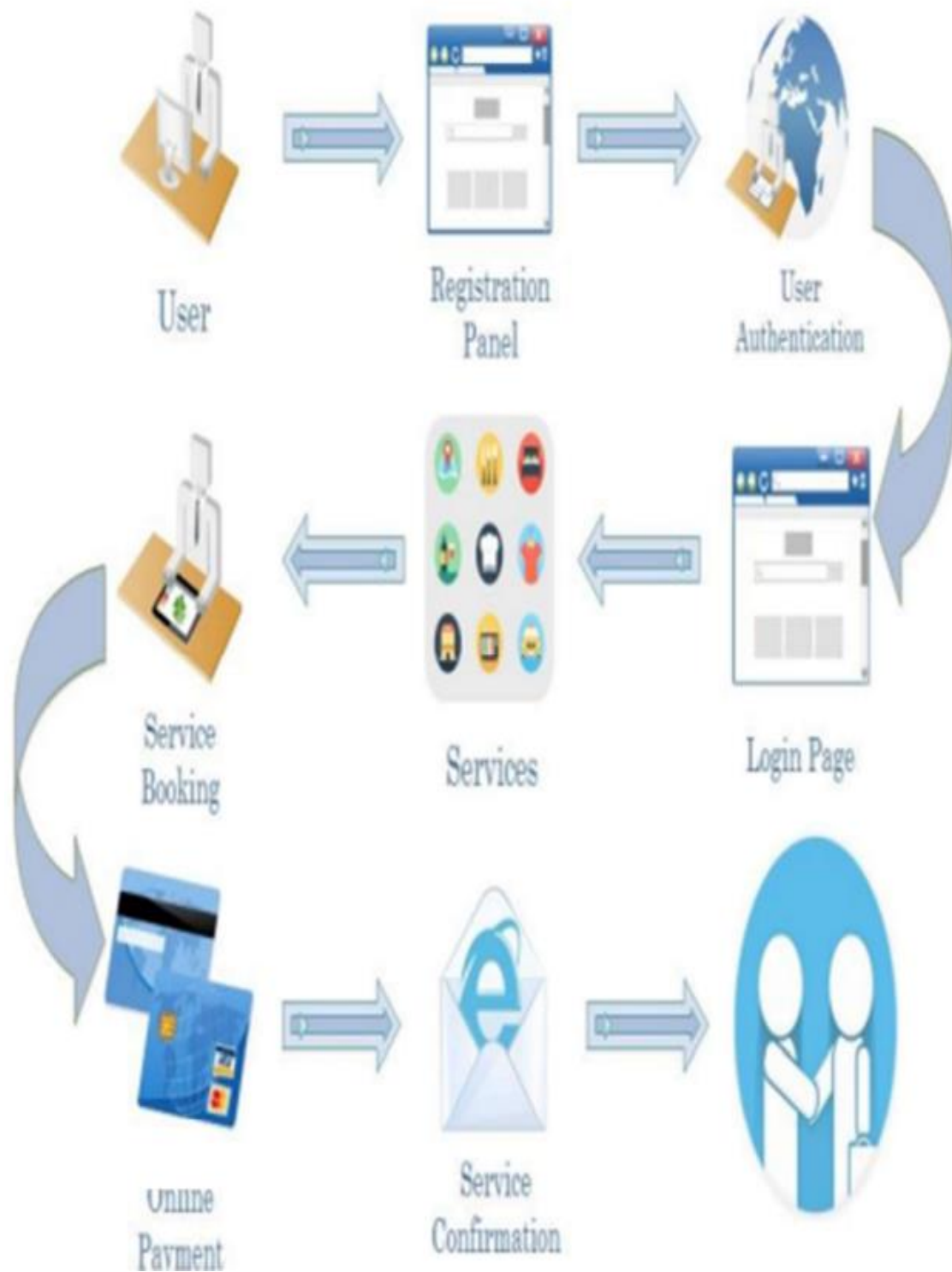
2.GENERAL DESCRIPTION:

Table diagram :



3.FUNCTIONAL REQUIREMENT:

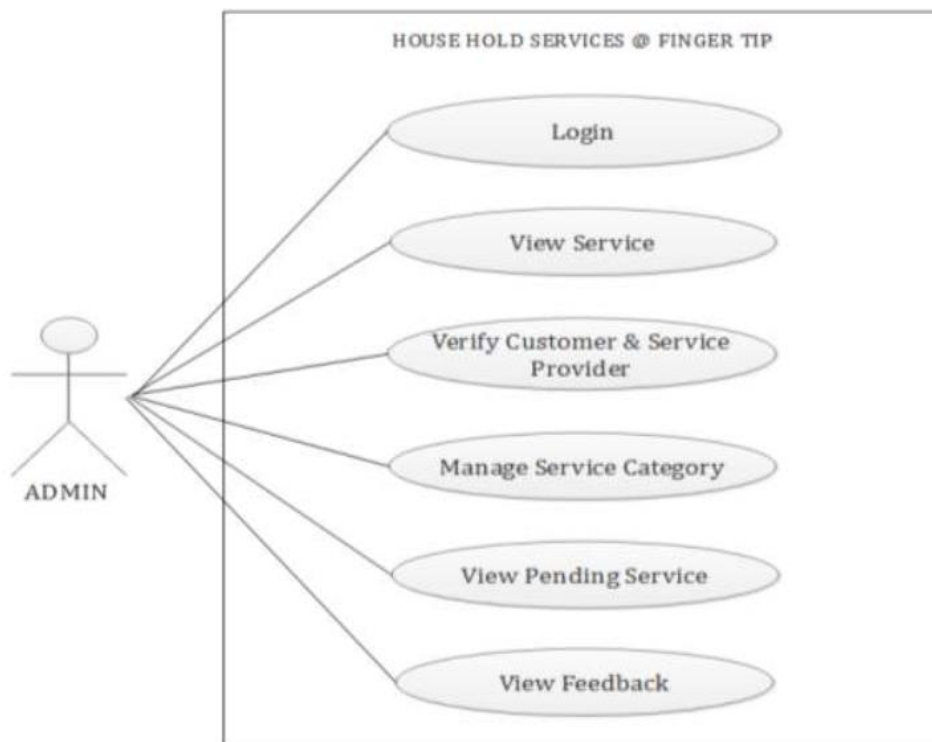
Workflow of Proposed model is as follows: The steps clearly represent the work flow of the web application from user side.



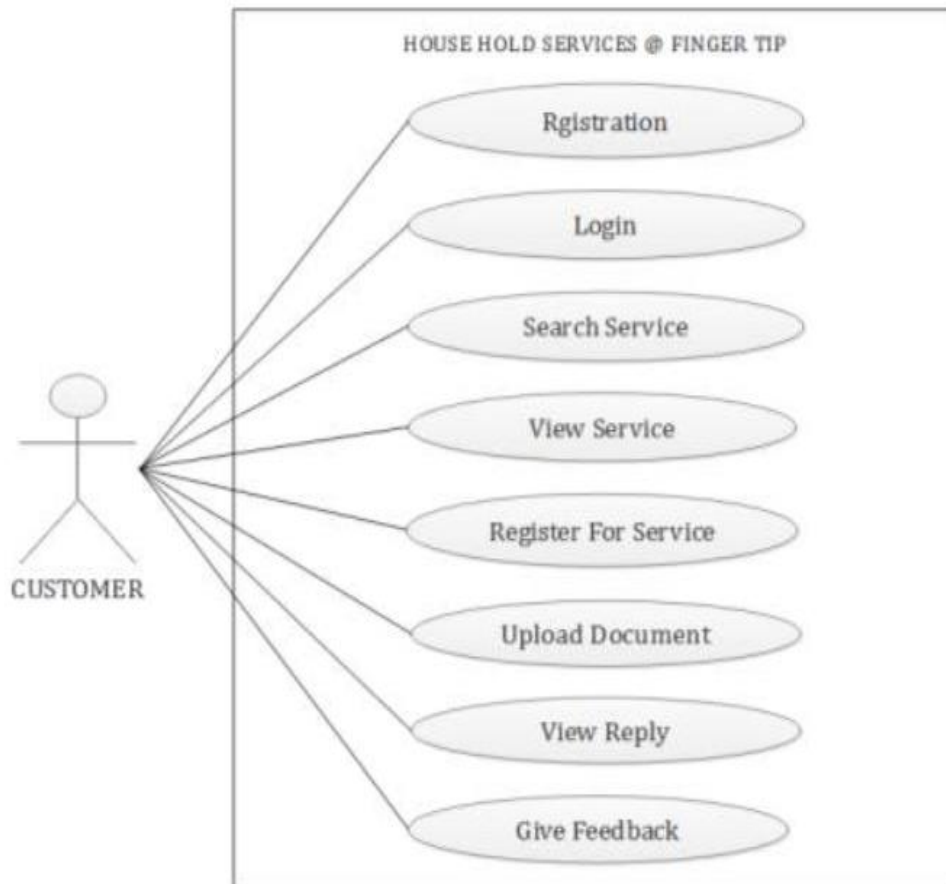
4.INTERFACE REQUIREMENTS:

Use case diagrams are a set of use cases, actors and their relationships. They represent the use case view of a system. A use case represents a particular functionality of a system. So use case diagram is used to describe the relationships among the functionalities and their internal/external controllers. These controllers are known as actors.

USE CASE DIAGRAM FOR ADMIN:



USE CASE DIAGRAM FOR CUSTOMER:



5.DESIGN CONSTRAINTS:

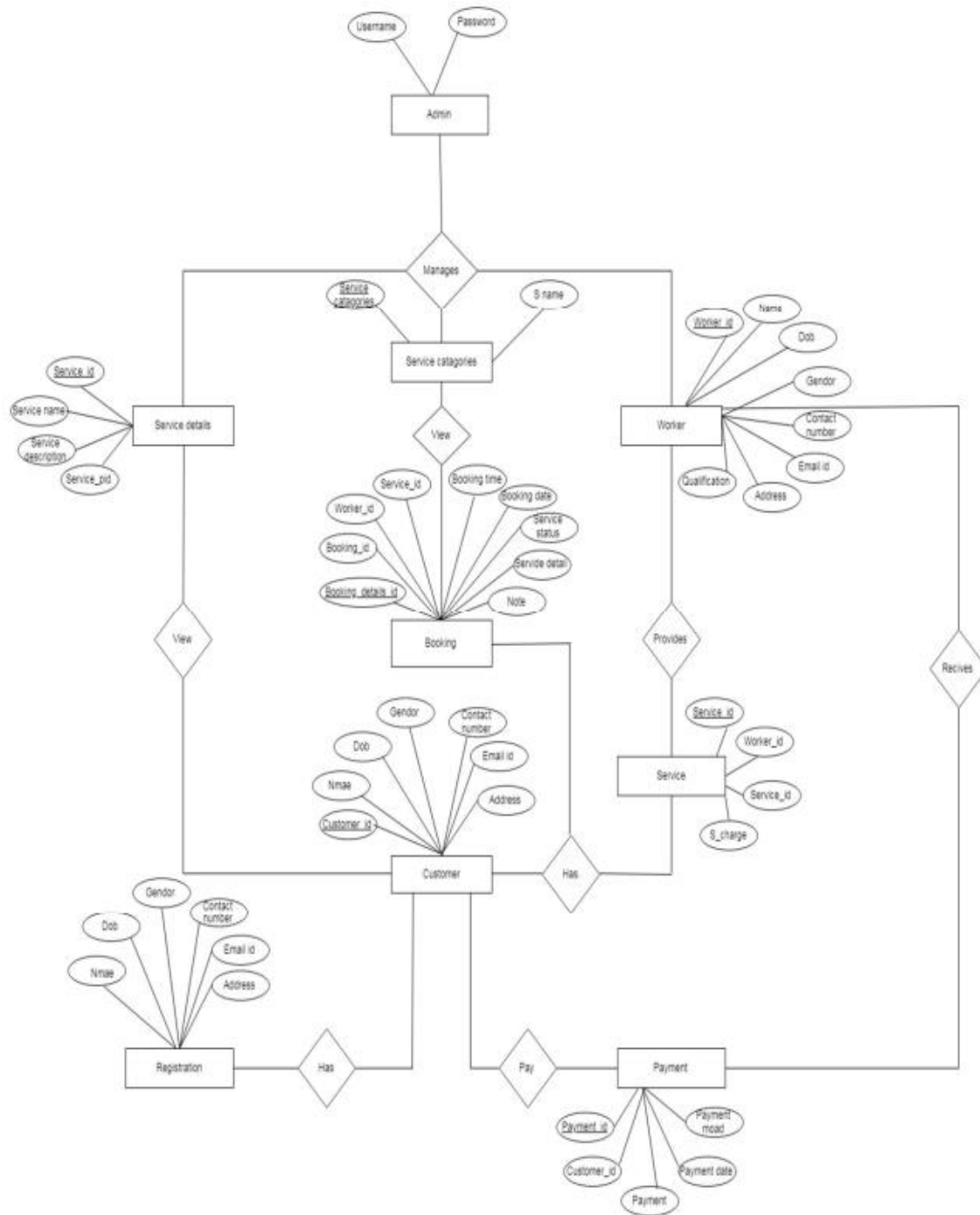
System requirements:

1. Operating system: Windows/Linux/macOS
2. RAM: 8GB
3. Processor: intel i3 and above •

Software requirements:

1. HTML AND CSS
- 2 . PHP
3. Java Script
4. Xampp Server
5. Browser (Chrome or Firefox)

ER DIAGRAM IS AS FOLLOWS:



6.NON FUNCTIONAL ATTRIBUTES:

Non Functional requirements describe how a system must behave and establish constraints of its functionality. This type of requirements is also known as the system's quality attributes.

Performance requirement:

- The response to view information must be no more than 5 seconds to appear on the screen.
- The system shall accommodate high number of medicines and end users without any fault.

Requirement:

System shall not cause any harm to human users.

Security requirement:

- System will use secured database.
- Normal users can just access the information but they cannot edit or modify anything except their personal and some other information.
- System will have different types of users and every user has access constraints.

Reliability requirement:

The database update process must roll back all related updates when any update fails.

Usability requirement:

People can access the system through simple registration.