

A PROJECT REPORT ON
“SERVICE MODERATOR”

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of

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(An Autonomous Institute)**

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WALCHAND INSTITUTE OF TECHNOLOGY, SOLAPUR
(An Autonomous Institute)

CERTIFICATE

This is to certify that the project report entitled "**SERVICE MODERATOR**" is submitted for partial fulfilment of Degree in **BACHELOR OF TECHNOLOGY (INFORMATION TECHNOLOGY)**.

As per requirement of Punyashlok Ahilyadevi Holkar Solapur University, Solapur for the academic year 2022-2023.

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I would also like to thank my parents and friends who helped me a lot in executing this project within the limited time frame.

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ABSTRACT

The issue of unemployment is very serious problem in our country nowadays, especially in rural areas. People are having skills but they won't get platform to show their talent to the world.

Therefore we are going to provide a platform for those people who are having skills, small scale business ,business of homemade products through which they will advertise their products and their skills and earn money from it. We are going to develop a web application in which first service provider or business owner will do registration and upload profile and cost of service or product. Then users of this application will purchase the product or hire a worker who is having minimum price. Our system helps people to get job .This system bridges the gap between buyers and sellers by helping buyers find right providers of products and services while helping sellers improve efficiency of their marketing channels. This system removes the need of agents or third party who will take commission from both buyers and sellers. Because there is direct communication between customer and seller or service provider and this will save money of both of them. We get large amount of valid data of customers and servants which we can use for different purpose like during election sending SMS, contact with people etc.

TABLE OF CONTENTS

Title Page	1
Certificate	2
Acknowledgement	3
Abstract	4
Contents	5
1. Introduction	
1.1 Background.....	6
1.2 Problem Statement.....	7
1.3 Objectives.....	8
2. Literature Review	
2.1 Literature Review.....	9
3. Project Design	
3.1 System Block diagram.....	11
3.2 Data Flow diagram.....	13
3.3 Entity Relationship diagram.....	15
3.4 Software and Hardware requirements.....	16
4. Implementation	
4.1 Login/Sign Up.....	17
4.2 User > Home.....	18
4.3 Booking.....	19
4.4 Admin.....	20
5. Conclusion.....,..	
6. References.....	23

CHAPTER 1

1 INTRODUCTION

1.1 Background:

Today's world is very fast and forward, no one has time to hire servants for small task like cook, gardener, driver etc. This is the wastage of time to make enquiry for best servants. Another issue is that to repair any electronic device, to make renovation of house, to hire servants for household and industrial purpose. This is a big headache to seek such daily or monthly paid servants. There are some services like Justdial, OLX, Quikr etc who acts as agents between buyers and seller or service provider and take commission from both of them. Our aim is to remove such agents or brokers. Our application also helps farmers to sell their vegetables; fruits and grocery without need of any broker. They directly sell their products to customers. We are going to develop such a system which provides a platform for business owner and skilled people to sell their products and also provide services to customer. In this system, service provider can upload their profile, price and contact through which customer can directly contact with seller and service provider and fix the deal. The system provides services to the user who are web users can access the services provided by service provider. Admin can see the users. Administrator has privilege to edit user's profile. Administrator can generate reports. Users must have valid User ID and password to login thus creating their individual profiles. Admin enters his or her user id and password. Customer enters his or her user id and password. Maintain data. Registration required authenticating the user. Also, we use available huge data for other social purpose.

1.2 Problem Statement

To develop service moderator to reduce unemployment by hiring the registered servants, save cost by bridging the direct gap between customer and service provider and remove agents between them.

Project Idea

This project is aimed at developing a web-based system which also acts as search engine and which is developed mainly for the use of small business owner to increase their business, advertise their services and product. This system is a dynamic and based on cloud. Business owner will use this system to do advertising offers to attract more customers to their shops. Then service provider can update their profile and broadcast the advertisement. The database is used to Access and store the data of both customer and a service provider. The project is focusing on providing services to clients. We are going to use available huge data for other purpose.

1.3 Objectives

- **No intermediaries** - Remove the need for agents or brokers to reduce costs
- **Direct service for users** - Enable service providers to provide their services directly to customers without brokers
- **Platform for service providers and users** - Allow service providers and skilled workers to directly showcase and provide their services
- **To provide** - Direct communication between customer and service provider

CHAPTER 2

2 Literature Review

2.1 Literature Review

This paper include, The Autonomous position detection and tracking system enhances the accuracy of locating friends and family member's positions by using GPS and standard web tec1hnology [1]. This application has an alert mechanism to send a popup SMS to the user when his friends or family members are nearby. The data can be shared online. Some disadvantages of this system are, network connection is necessary. Application can be used with GPS enabled handset. The map service is an agent based which provides both the mobile and the web client with map data.

The aim of this review paper is to bring into light a potential area i.e., web services supply chains for research by analysing the existing state of art in this. It is observed from the review process that there seems to be much less work done in the area of web service supply chains as compared to e-commerce and product oriented service supply chains [2].The globalization era has bought almost all services to the internet environment with multiple providers providing the same service in different ways. The same functionality is being offered by multiple providers so it becomes necessary to differentiate oneself from the crowd in order to thrive against the cut throat competition from the service provider's view. On the other hand it is absolutely essential for the client to select a service provider who meets not only the functional requirements of the client but also provides the best possible quality of service (QoS) to the customers. The intermediate can be either other service providers or just brokers which acts as a connecting point. A service perishes once it is not consumed on time i.e. the service cannot be

reused later e.g. A flight's empty seat after the take off of the airplane is a loss since it has already perished.

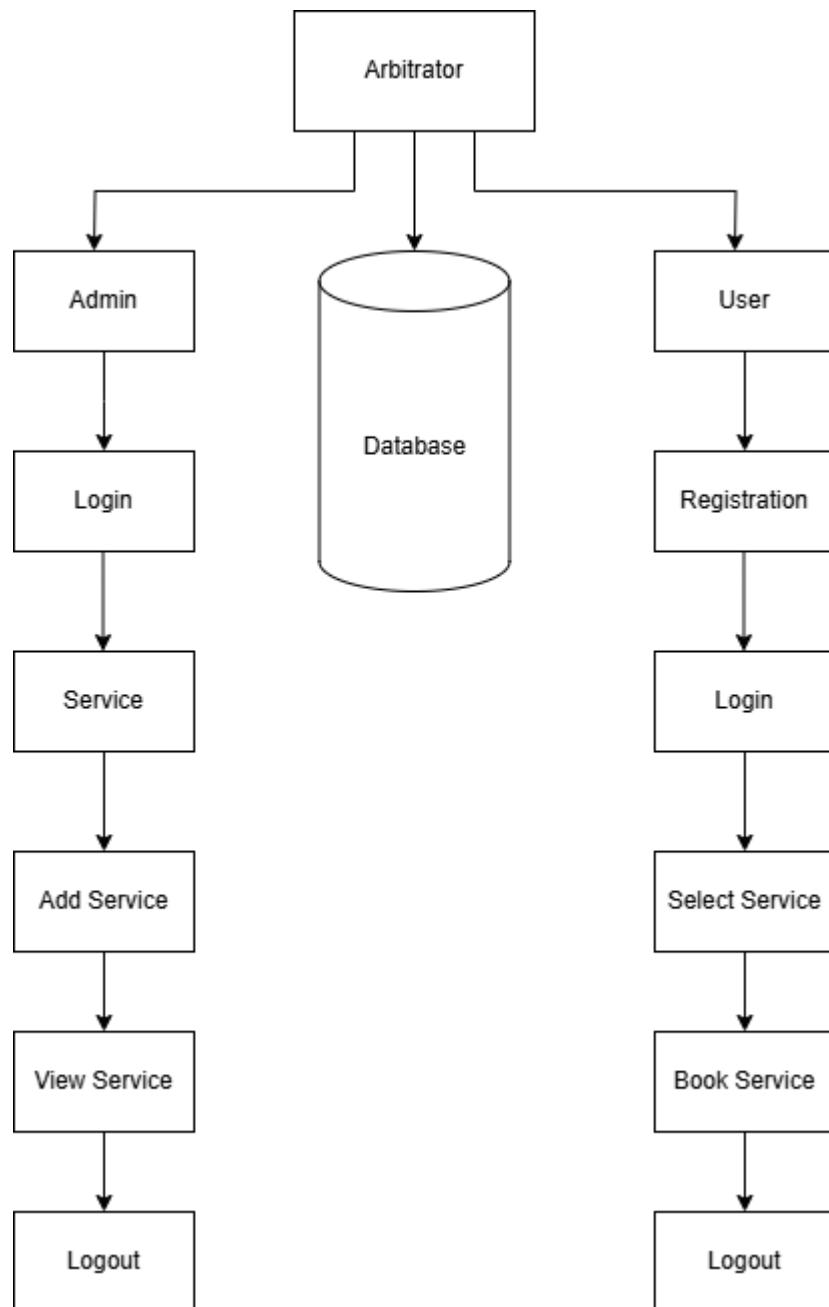
Electronic commerce (EC) is a popular topic in the mass media and in informatics circles as well. Perhaps its impact is most visible in the areas of financial services and retailing. Many EC initiatives have risen in a short period of time. Those initiatives include innovative smart cards to facilitate EC, remote payments and electronic checking, online trading of stocks, bonds and related financial instruments, online banking, and online retailing (e-tailing) [3]. EC is the process of conducting business electronically among various entities in order to satisfy an organizational or individual objective. A necessary ingredient of EC, user authentication to prevent fraud, has a major disadvantage for users with the loss of privacy.

In present scenario with increasing of global economic competition, small scale industries have known as an economic growth engine and a tool for employment so they have important role in growth and development of countries. The demand for the products of small-scale industries is crucial to their growth [4]. Therefore this work focuses on process re-engineering of a small-scale industry for economic and competitive production. It is observed that most small-scale industries do not lend themselves to flexible production processes as well as due to inefficient utilization of floor space the sequencing of machines are not in proper order and these results in greater process time.

CHAPTER 3

3 PROJECT DESIGN

3.1 System Block Diagram

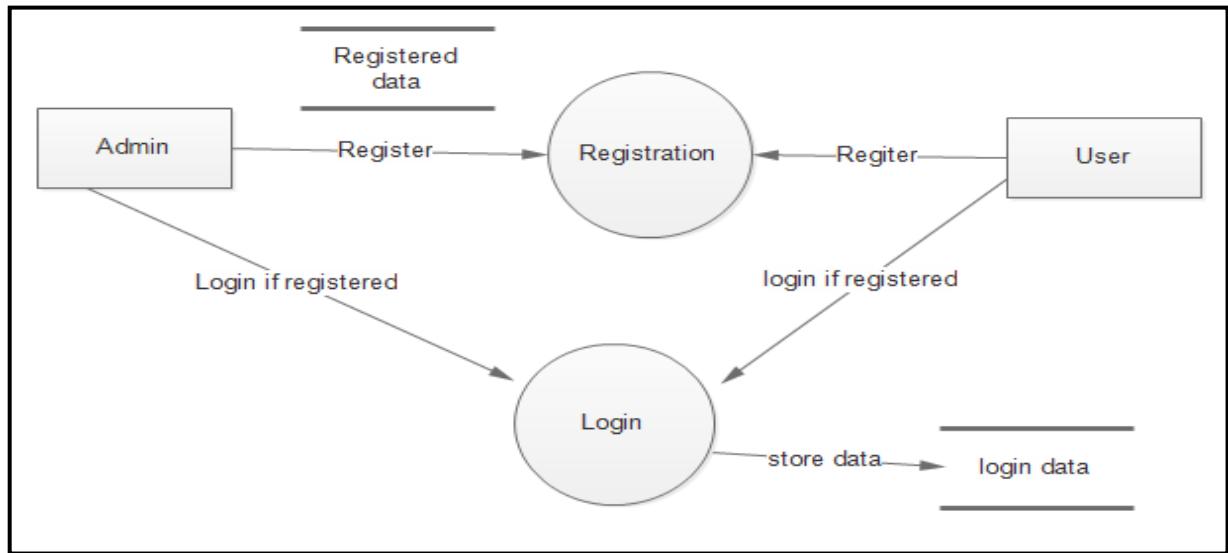


The above block diagram works in the following way,

- The system provides services to the user who are web users access the services
- Admin can see the Users.
- Administrator, can generate reports
- Users must have valid User ID and password to login thus creating their individual profiles.
- Admin enters his or her user id and password.
- Customer enters his or her user id and password.
- Maintain data.
- Registration required authenticating the user.

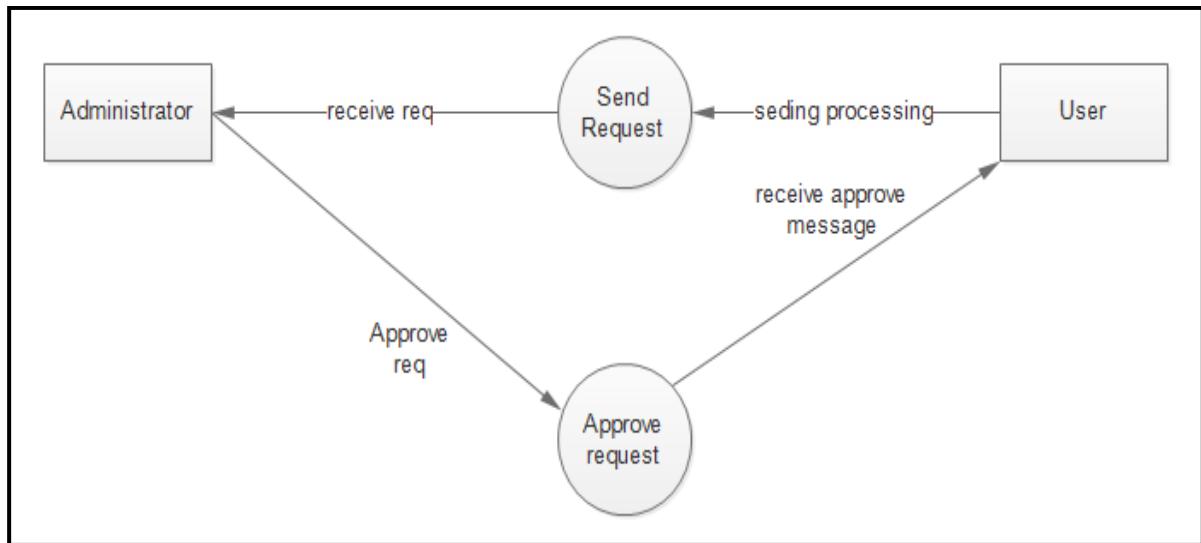
3.2 Data Flow Diagram

3.2.1 DFD Level 0



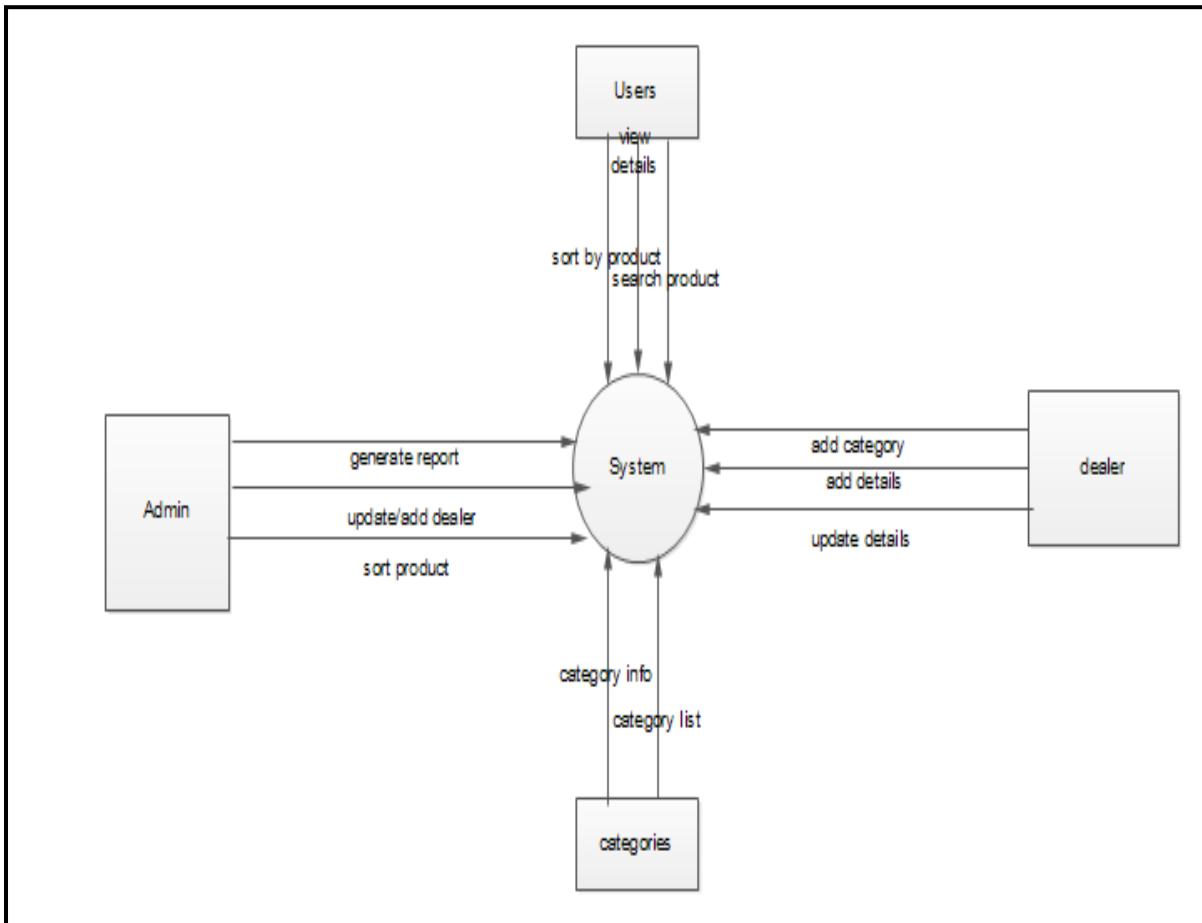
DFD level 0 user login if he/she already registered. If user not registered already he registered first then login. After user login store the information of user in database.

3.2.2 DFD Level 1



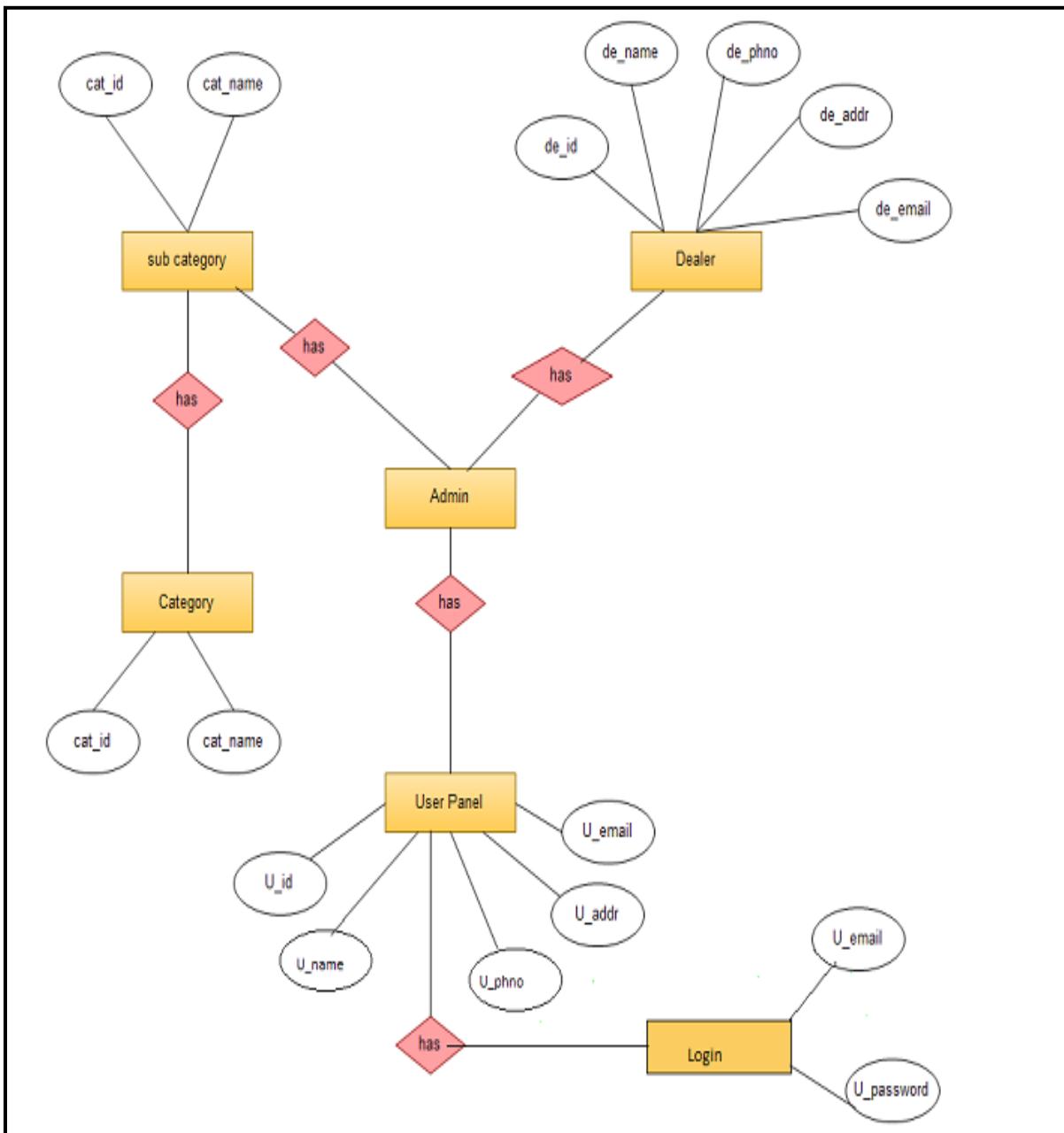
In this DFD Level 1 diagram Administrator and User are the Entities. User will send request to the Administrator. Administrator may or may not accept the request

3.2.3 DFD Level 2



In this DFD Level 2 diagram Admin entity generate report, update/add dealer, sort product. Dealer entity add category, add details, update details. User entity view details, sort by product, search product .Categories entity view category information, display category list.

3.3 E-R Diagram



E-R [Entity Relationship] diagram is used to define the relationship between entities. For example as shown in above diagram Admin entity has User Panel, Dealer, Category of product, Sub Category of product. Each Entity has its attributes.

3.4 Software &Hardware requirement

Software Requirements:

- Operating System : Windows 11
- Database : MYSQL (5.0).
- Web Server : Xampp server.
- Client : Chrome.
- Code behind : PHP.
- Web Technologies : HTML5, CSS3, JavaScript, Ajax, Bootstrap, jQuery, PHP.

Hardware Requirements:

- Processor : Intel Core3 or more.
- RAM : 512 MB.
- Hard disk : PC with 500 GB.
- Monitor : 14 inch.
- Mouse : 3 Button scroll.
- CD Drive : 52 X.
- Keyboard : 108 ys.

CHAPTER 4

4 IMPLEMENTATION

Login / Sign Up



User > Home



A screenshot of the Genie Services website. The header features the "Genie Services" logo and a "GET IT DONE" slogan. A "Google play" button is visible in the top right corner. Below the header, a section titled "SPECIAL SERVICES" displays six service categories with corresponding images: "Interior Designer" (modern living room), "Electrician Services" (warning sign with lightning bolt), "Electrical Services" (man in hard hat working on equipment), "Government Services" (Government Emblem of India), "Wedding Planner" (decorated stage), and "Driving School" (two men in a car). At the bottom of the page is a "Back to top" button.

A screenshot of the Genie Services website showing a different set of service categories. The "GET IT DONE" slogan is at the top, followed by a "Google play" button. The "SPECIAL SERVICES" section includes: "Carpenter" (man using power tools), "Photography" (camera and photos), "Caterings" (various food items), "2 wheeler Repair & Servicing" (motorcycles), "RO Water Purifier" (water purifier unit), and "Light & DJ Service" (DJ equipment).

Booking

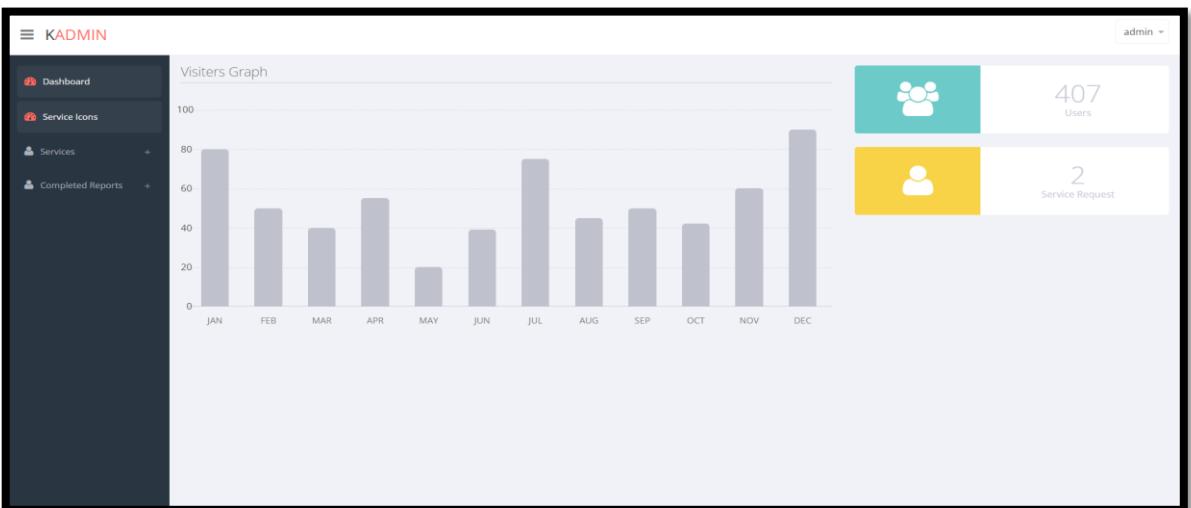
The screenshot shows the Genie Services booking interface. At the top, there's a banner for "RAIL & AIR TICKET" with a sub-note about TATKAL tickets. Below the banner are six service categories arranged in a 2x3 grid:

- Book**: Share your need and information with us.
- Schedule**: Schedule a time for us to attend to you.
- Relax**: Our expert team will do the assigned task.
- Customize**: Customize orders as per your need.
- Trusted**: Trusted And Expert Service Providers.
- Easy Payment**: Pay through paytm or online Services.

Below these categories, a note states "Terms & Conditions are applied when you book a Service". A "visit charges Rs.0/-" message is displayed. The main form area contains fields for "Meeting Date" (dd-mm-yyyy) and "Your Requirements", both marked as required. A large green "Book Service" button is at the bottom.

This screenshot shows the same booking interface as above, but with more detailed service options visible. The "Service Details" section is expanded, showing "Full Address & pincode" (Solapur) and a red progress bar indicating the booking process is nearly complete. The "Book Service" button remains prominent at the bottom.

Admin

A screenshot of the "Add Services" form on the KADMIN dashboard. The sidebar shows "Services" is selected. The form includes fields for "Service Type", "Services Name", "Services Description", "Visit Charges", "Services Icon Name", and a "Choose File" input field. Below these are "Pricelist Details" with a rich text editor toolbar. At the bottom is a green "Add" button.

KADMIN

admin ▾

Dashboard

Service Icons

Services

- Add Services
- View Services**
- Completed Reports +

Services List

Sr.No	Service Head	Service Description	Service Image	Service icon	Remove
1	2 wheeler Repair & Servicing	Get your vehicles repaired whenever & wherever you need it. Just fill the details of the work you want to get it done from us.			<button>Remove</button>
2	RO Water Purifier's	Installation , Service & Repair of RO Water Purifier of all type & any brand.			<button>Remove</button>
3	DJ , MUSIC & LIGHT	We provide DJ , MUSIC & LIGHT SYSTEMS FOR ALL KIND OF EVENTS			<button>Remove</button>
4	GOVERNMENT REGISTRATIONS.	Get all kinds of registrations done by legal agent . (Pan card, Aadhar card , Company Registration , GST ,TradeMark, Logo , Food license, labor license, passport forms etc)			<button>Remove</button>

KADMIN

admin ▾

Dashboard

Service Icons

Services +

Completed Reports +

Service Request

Sr.No	Name	Address	Contact	Email	Service Details	Service Type	Schedule Date	Action
21	Shruti Dasari	Solapur	9405769598	shrutidasari6@gmail.com	Two wheeler Repair	2 wheeler Repair & Servicing	11/20/2024	<button>done</button>
20	Sakshi Deshmukh	Vasant vihar, Solapur.	8788908651	sakshideshmukh680@gmail.com	Auto Service	Sham Auto Services	11/18/2024	<button>done</button>

KADMIN

admin ▾

Dashboard

Service Icons

Services +

Completed Reports +

Service Request

Sr.No	Name	Address	Contact	Email	Service Details	Service Type	Schedule Date
22	Shruti Dasari	Solapur	9405769598	shrutidasari6@gmail.com	Air tickets	RAIL & AIR TICKET.	11/11/2024
19	Sakshi Deshmukh	Vasant vihar, Solapur.	8788908651	sakshideshmukh680@gmail.com	DJ	DJ , MUSIC & LIGHT	11/22/2024
18	Neha	Kanna chowk solapur	9595340680	n@gmail.com	Makeup	BEAUTY PARLOUR	11/20/2024
17	Neha	Kanna chowk solapur	9595340680	n@gmail.com	Caterings	CATERING SERVICE	11/10/2024
16	Shravani	Pune	9309403260	shrav@gmail.com	Train Ticket booking	RAIL & AIR TICKET.	11/11/2024
15	Sakshi Deshmukh	Vasant vihar, Solapur.	8788908651	sakshideshmukh680@gmail.com	Painting class	ART / PAINTING CLASSES	11/09/2024
14	Shruti Dasari	Jule Solapur	9405769598	shrutidasari6@gmail.com	2 Wheeler repair	2 wheeler Repair & Servicing	11/11/2024
13	Shruti Dasari	Solapur	9405769598	shrutidasari6@gmail.com	.	Sham Auto Services	11/08/2024
12	Nandini Chinni	Solapur-413005	8010837691	nandinichinni000@gmail.com	Auto Service	Sham Auto Services	11/09/2024

CHAPTER 5

5. CONCLUSION

The service moderator aims to reduce unemployment and improve economic conditions by connecting skilled workers and small businesses directly to customers. By eliminating intermediaries, we can create a cost-effective and efficient marketplace.

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