IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

Eventmet: A Mobile-Based Platform for Simplifying Event Planning and Connecting Service Providers

Mr. N. G. Khodave, Mr. Shreyas Prashant Kulkarni, Mr. Yash Rajendra Chopade, Mr. Prathmesh Padipkumar Phalle, Mr. Atharva Hanmant Shewale
Department of Computer Engineering
Rajarambapu Institute of Technology, Rajaramnagar, India.

Abstract: *In the current era, planning and managing events such as weddings, birthday celebrations, and social functions has become increasingly challenging when handled through traditional methods. Individuals often struggle to find reliable service providers, coordinate multiple arrangements, and gather accurate information within a limited time. This scattered approach leads to confusion, delays, and unnecessary effort.*

To overcome these difficulties, the Eventmet mobile application is introduced as a centralized platform that connects users with event service providers in a simple and efficient manner. The application is designed for two types of users: customers and service providers. Customers can explore a variety of services including venues, catering, photography, decoration, and more based on their preferred city. They can also access essential details such as contact information and location to make better decisions. On the other hand, service providers can register their services on the platform, allowing them to reach a wider audience.

By bringing all essential event services under one system, the application minimizes manual work, reduces time consumption, and improves overall user experience. It provides a smooth, organized, and user-friendly solution for event planning. In conclusion, Eventmet serves as an effective platform that simplifies the process of organizing events while ensuring better accessibility and convenience for both customers and service providers.

Keywords: *Eventmet*

I. INTRODUCTION

In today's digital age, technology plays a vital role in simplifying everyday activities and improving efficiency across different domains. One such area is event planning, where organizing functions like weddings, birthdays, and social gatherings often becomes complex when managed through traditional methods. People usually have to search for multiple service providers individually and coordinate with them separately, which leads to confusion and consumes a significant amount of time. With the rapid growth of smartphones and internet connectivity, mobile applications have emerged as an effective solution to streamline such processes. The Eventmet mobile application is designed to provide a smart and user-friendly platform that connects customers with event service providers in a digital environment. Through this application, users can explore various services such as venues, catering, photography, and decoration based on their selected city. Service providers can also register on the platform and add their services, making them accessible to potential customers. The application provides essential details like contact information and location, helping users make quick and informed decisions. By bringing all services into one platform, the system reduces manual effort and improves overall efficiency. Although the current version uses basic data handling, it lays a strong foundation for future enhancements such as database integration and real-time updates. Overall, Eventmet aims to

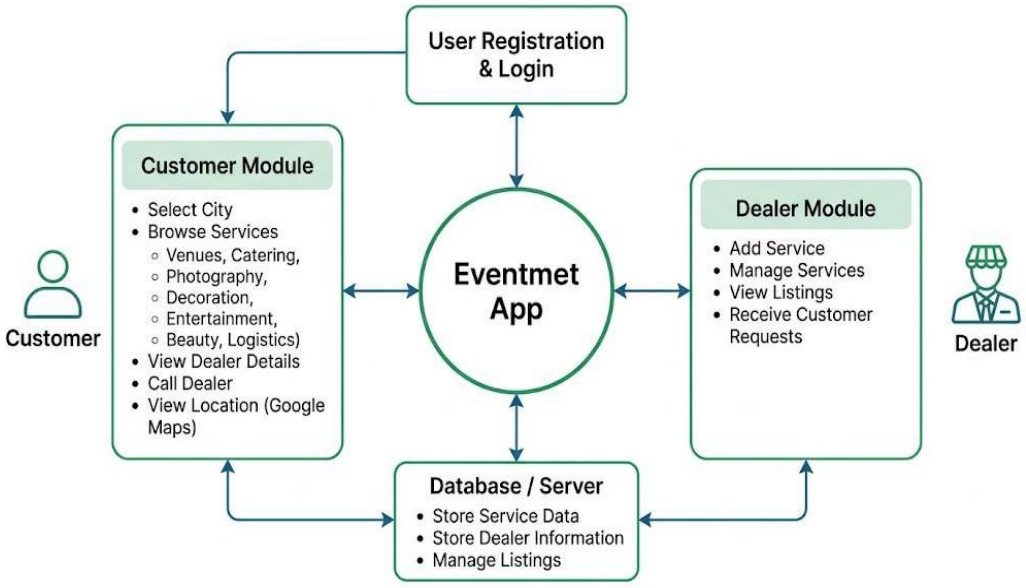
IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

simplify event management by providing a centralized, efficient, and convenient platform for both customers and service providers.

II. LITERATURE REVIEW

Mobile applications have become an integral part of modern life, enabling users to perform various tasks quickly and efficiently. In recent years, mobile-based platforms have significantly transformed the way services are accessed and managed by offering convenient and centralized digital solutions. Several studies indicate that such systems enhance accessibility, improve transparency, and strengthen communication between users and service providers. Similar technological approaches are increasingly being applied in service-based domains such as event management. Research highlights that mobile applications can simplify tasks like searching for service providers, accessing service details, and managing communication, which are otherwise handled manually. Features such as location-based filtering, contact integration, and service categorization are widely used to improve user experience and decision-making. Moreover, technologies like centralized data management and internet connectivity allow users to access information anytime and from anywhere. Secure authentication mechanisms and structured data handling further contribute to system reliability. User-friendly interface design and ease of navigation are also identified as important factors that influence the adoption of such applications. Existing studies emphasize that integrating mobile technology with service- based platforms can significantly reduce manual effort and improve overall efficiency. These advancements have encouraged the development of applications like Eventmet, which aim to simplify event planning by connecting customers with relevant service providers through a single platform. Overall, the literature suggests that combining mobile applications with efficient data handling and communication features can create reliable systems that enhance user experience and streamline service management processes.

III. SYSTEM WORKING



The diagrams above represent the overall structure and working of the Eventmet mobile application. The system is designed to connect customers and event service providers through a centralized digital platform that simplifies the event planning process. It functions as a smart service management system where users can explore different event-related services, view essential details, and directly contact service providers through a single application.

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

From the customer's perspective, the process begins with selecting a preferred city, after which the application displays a list of available services such as venues, catering, photography, decoration, and more. Users can view important information like contact details, service descriptions, and location, and can directly call or navigate using map integration. This approach reduces the need for manual searching and improves decision-making.

On the other hand, service providers (dealers) can log into the system and add their services by providing basic details such as service name, category, city, and contact information. These services are then stored within the application and can be managed or updated by the provider when required.

The front-end of the application is developed using XML and Java, ensuring a simple, interactive, and user-friendly interface. The core functionality and application logic are handled using Java, which manages the flow of data between different components of the system. Currently, the application uses local or temporary data handling methods instead of a centralized database, which provides a basic working model of the system.

Although the present version has limited data storage capabilities, it establishes a strong foundation for future improvements such as database integration, real-time updates, and enhanced features. Overall, the Eventmet system offers a structured and efficient platform that simplifies event planning and improves interaction between customers and service providers.

IV. PROBLEM DEFINITION:

In the current scenario, organizing events such as weddings, birthdays, and social gatherings involves multiple challenges due to the lack of a centralized system. Individuals are required to search for different service providers like venues, catering, photography, and decoration separately, which makes the entire process time-consuming and inefficient. Finding reliable and trusted service providers is often difficult, as there is no single platform that provides verified and organized information.

Additionally, users face problems such as lack of proper communication, incomplete service details, and confusion regarding location and availability. Managing multiple contacts and coordinating with different vendors manually increases the chances of errors and mismanagement. This scattered approach leads to unnecessary stress and poor decision-making during event planning.

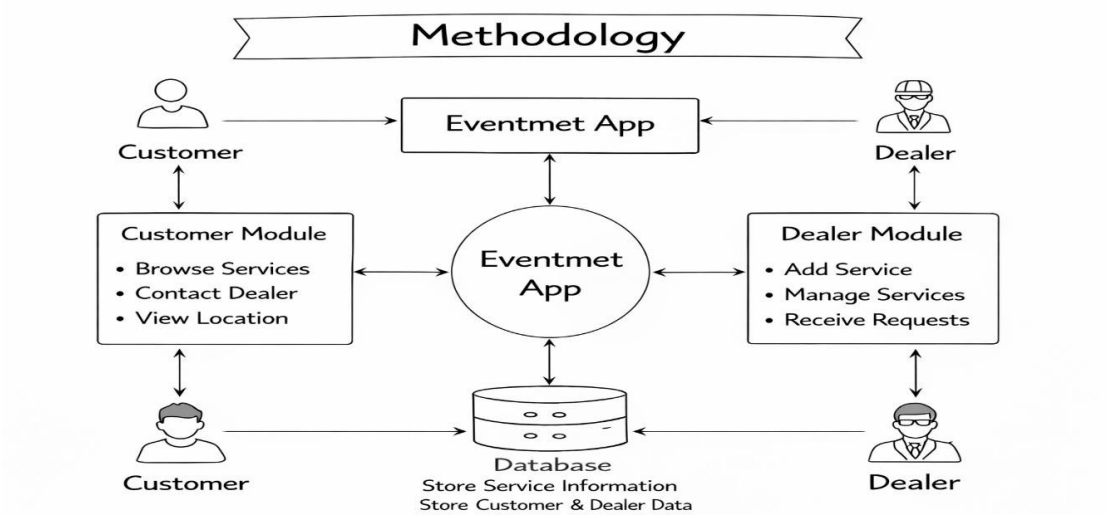
From the service provider's perspective, reaching potential customers is also a challenge. Small or local vendors often struggle to promote their services effectively and connect with a wider audience due to limited digital presence.

Therefore, there is a need for a centralized and user-friendly platform that can bring both customers and service providers together, simplify the process of finding and managing event services, and improve overall efficiency in event planning.

V. METHODOLOGY TO SOLVE THE PROBLEM

The proposed system, Eventmet Mobile Application, is designed using a three-tier architecture model. This approach is chosen because it provides a structured design, better scalability, improved performance, and easier maintenance. The system is divided into three main layers: Presentation Layer, Application Layer, and Data Layer. This separation ensures that each component performs a specific function while maintaining smooth interaction between customers and service providers.

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2



A. Presentation Layer

The Presentation Layer represents the user interface of the Eventmet system. It is developed using XML and Java, providing a clean, responsive, and user-friendly interface for mobile users. Separate interfaces are designed for customers and service providers to ensure a role-based experience.

1. Customer Interface

The customer interface allows users to:

• Select their preferred city
• Browse different service categories such as venues, catering, photography, decoration, etc.
• View service provider details (name, contact, location)
• Make direct calls to service providers
• Access location through map integration

The interface is designed to be simple and easy to use, allowing users to quickly find suitable services without confusion.

2. Service Provider Interface

The service provider (dealer) interface allows users to:

• Register and log in to the system
• Add new services with details such as name, category, city, and contact information
• View and manage their listed services

This interface helps service providers promote their services and reach potential customers more efficiently.

B. Application Layer

The Application Layer acts as the core processing unit of the Eventmet system. It is developed using Java and is responsible for handling the application logic and communication between the user interface and the data layer.

Core Functionalities

1. Service Management

• Service providers can add and manage their services
• Services are categorized for easy access

2. City-Based Filtering

• Users can select a city

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429 Volume 6, Issue 5, March 2026 Impact Factor: 8.2

• The system displays services based on the selected location

3. Communication Support

• Users can directly contact service providers via call
• Improves quick decision-making

4. Navigation Integration

• Map-based location access for service providers
• Helps users easily locate services

5. Data Handling

• The system currently uses basic or temporary data storage methods
• Designed in a way that allows future database integration

6. Security Mechanism

To ensure safe usage, the system includes:
• Input validation to avoid incorrect data
• Controlled access to features based on user role
• Structured data handling to maintain system reliability

C. Data Layer

The Data Layer manages all the information used in the application. In the current version, the system uses local or temporary data storage to demonstrate functionality.

Main Data Entities:

• User details (customers and service providers)
• Service details (category, city, contact information)

The system is designed in a way that supports future integration with databases such as Firebase or PHP-based servers, which will allow:
• Permanent data storage
• Real-time updates
• Better data management and scalability

D. Working Methodology of Eventmet System

The working of the Eventmet application follows a simple and structured process: Step 1: Login
Users log in to the application as either a customer or a service provider. Step 2: City Selection
Customers select their preferred city to filter relevant services. Step 3: Service Exploration
Users browse different service categories and view available service providers. Step 4: Service Interaction
Users can view details, make direct calls, or access location via maps. Step 5: Service Addition (Provider Side)
Service providers add their services, which become available within the system. Step 6: Management
Service providers can manage or update their listed services.

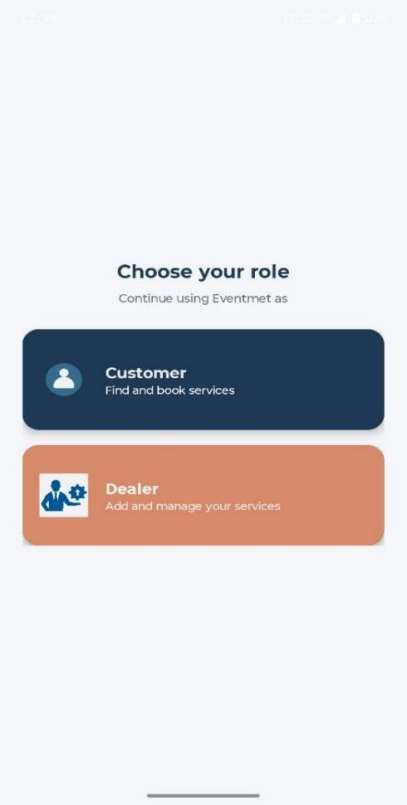
E. Objectives of Eventmet System

• To develop a centralized platform for event planning
• To simplify the process of finding event service providers
• To provide city-based filtering for better user experience
• To connect customers and service providers efficiently
• To reduce manual effort and improve decision-making
• To create a scalable system that can be enhanced with future technologies

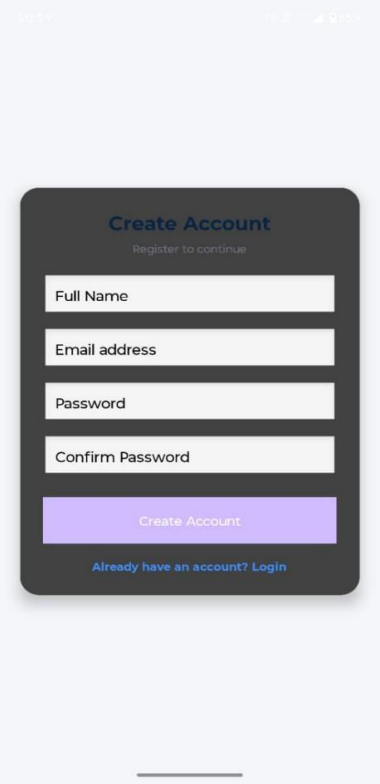
IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

Overall, the Eventmet system provides a structured and efficient methodology that simplifies event planning and improves accessibility to essential services through a single mobile platform.

V. RESULT

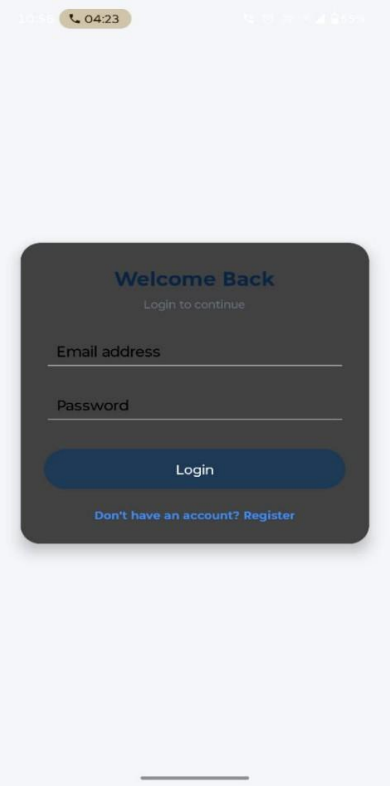


1.Role Selection



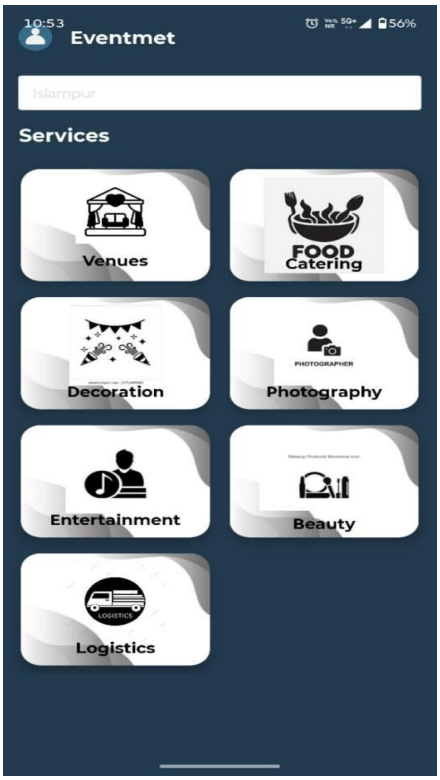
2.Register your account if you don't

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

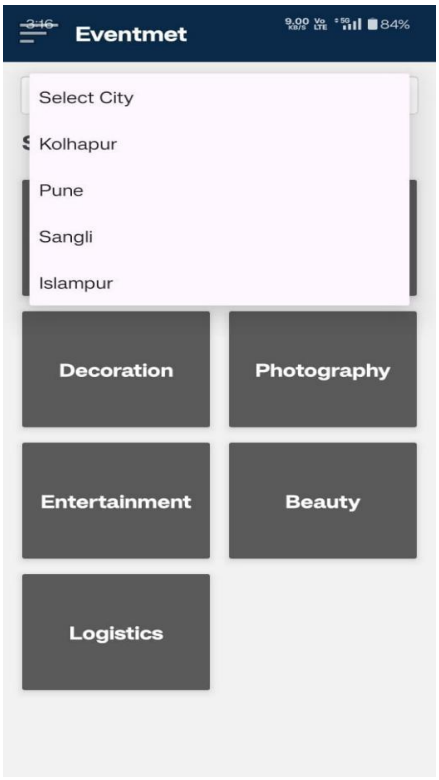


3. Login page

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

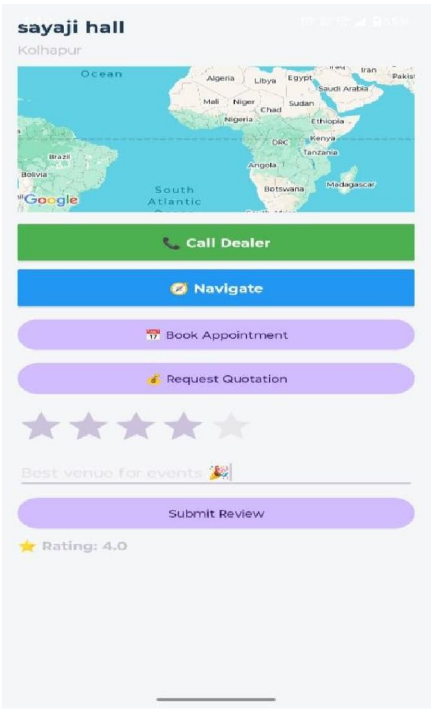


4.Customer Home Page



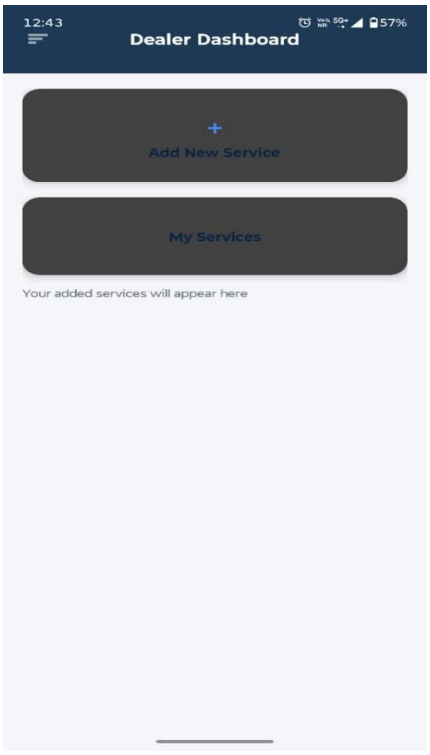
5.Select your city

6.Selected service and their

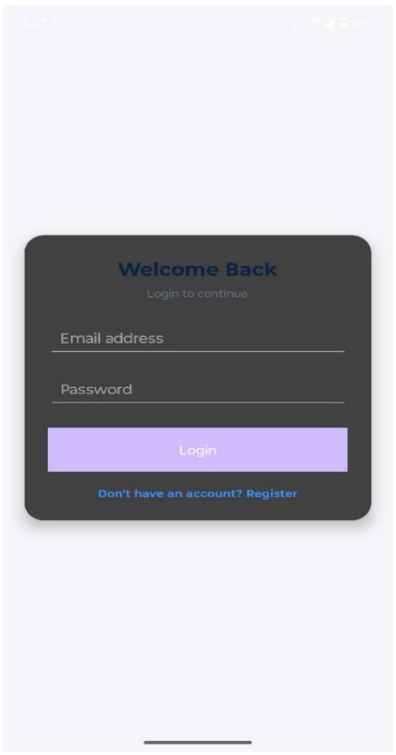


7.Service details dealers

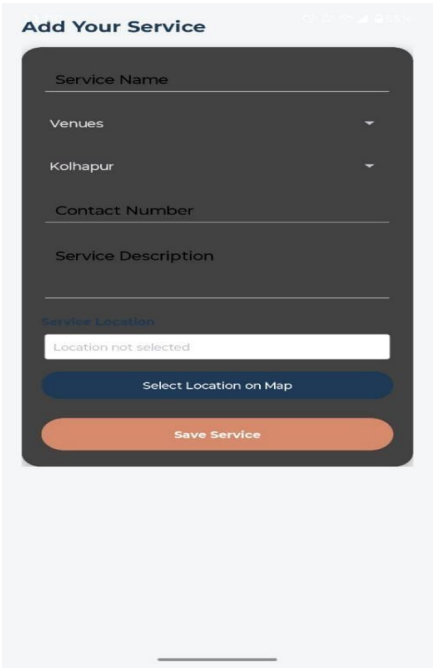
IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2



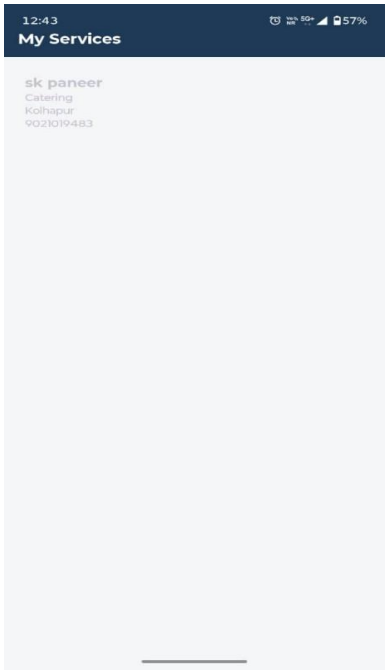
8.Dealer Dashboard



9.Dealer login page



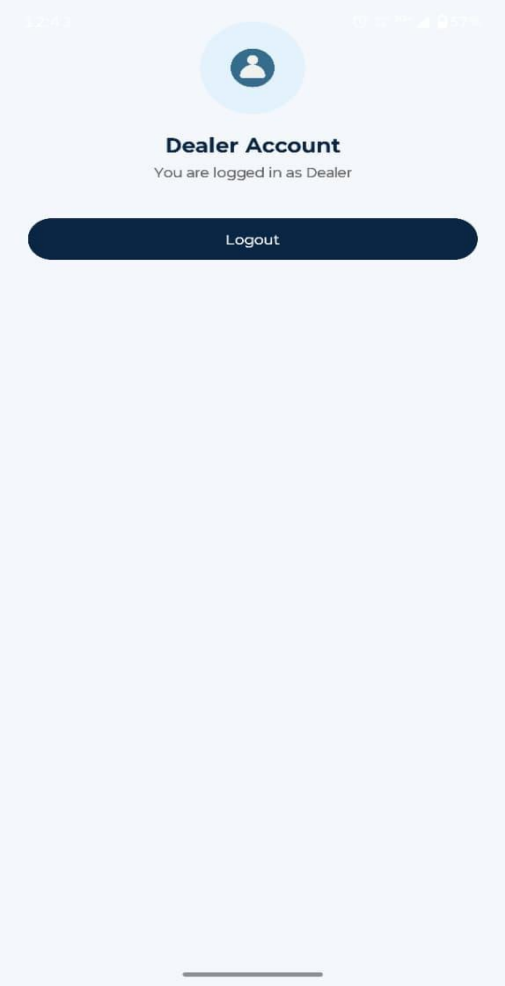
10.Add your service as a dealer



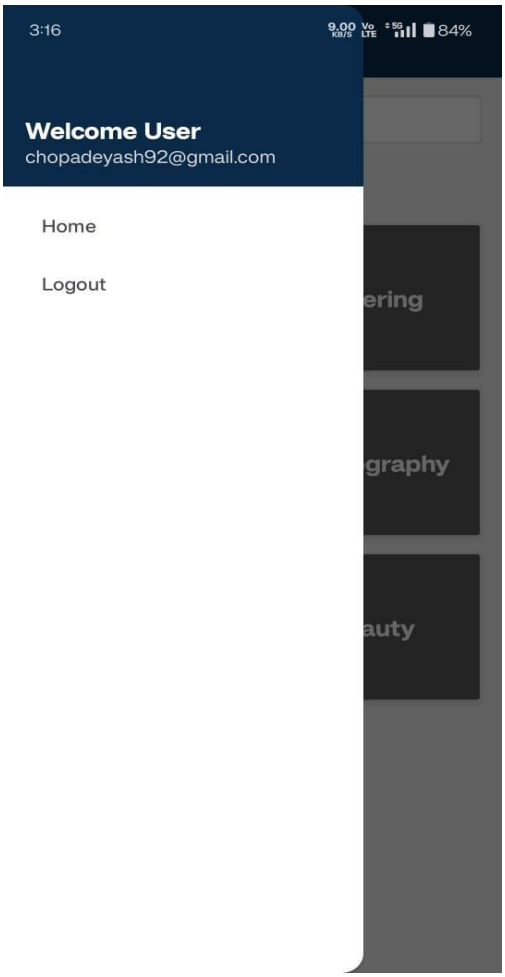
11.My services

DOI: 10.48175/IJARSCT-31915

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2



12. Dealer profile



13. Customer user profile

VI. CONCLUSION

In conclusion, the Eventmet mobile application provides a practical and efficient digital platform that simplifies event planning and improves interaction between customers and service providers. With the growing use of mobile technology in daily life, digital solutions like event management platforms are becoming essential for organizing events in a more structured and convenient way. The application brings multiple services under one platform, reducing the complexity involved in traditional event planning.

The system is designed with two main modules: customer and service provider, both contributing to the smooth functioning of the platform. Customers can easily explore different services based on their selected city, view important details such as contact information and location, and directly connect with service providers. This helps users make quick and informed decisions while saving time and effort.

On the other hand, service providers can register on the platform and add their services, making them accessible to a wider audience. They can manage their service details and improve their visibility in the market. This creates a mutually beneficial system where customers find suitable services easily, and providers get better business opportunities. Although the current system uses basic data handling methods, it effectively demonstrates the core

IJARSCT
International Journal of Advanced Research in Science, Communication and Technology
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
ISSN: 2581-9429
Volume 6, Issue 5, March 2026
Impact Factor: 8.2

concept of a centralized event management platform. The application is designed in a way that supports future enhancements such as database integration, real-time updates, and additional features. Overall, Eventmet offers a simple, reliable, and efficient solution that modernizes the process of event planning and improves accessibility to essential services.

REFERENCES

[1] Pressman, R. S., "Software Engineering: A Practitioner's Approach," McGraw-Hill Education, 7th Edition.
[2] Sommerville, I., "Software Engineering," Pearson Education, 10th Edition.
[3] IEEE, "IEEE Xplore Digital Library," Available: https://ieeexplore.ieee.org/
[4] Firebase Documentation, "Firebase Authentication and Firestore Database, "[Online]. Available: https://firebase.google.com
[5] ACM Digital Library, "Research Articles on Mobile Applications and Service-Based Systems," Available: https://dl.acm.org/