



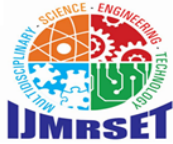
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A Study on the Service Quality

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ABSTRACT: Service quality has emerged as a critical determinant of customer satisfaction, loyalty, and overall organizational performance across various industries. This study explores the multidimensional nature of service quality, examining its core dimensions as outlined in established models such as SERVQUAL, including tangibles, reliability, responsiveness, assurance, and empathy. The paper investigates the impact of service quality on customer perceptions and business outcomes, highlighting empirical findings from diverse service sectors. It also discusses contemporary challenges in measuring and managing service quality in a dynamic and technology-driven marketplace. By synthesizing theoretical frameworks and practical approaches, this study provides actionable insights for service managers aiming to enhance customer experiences and gain competitive advantage.

I.INTRODUCTION

In today's highly competitive and customer-driven market environment, service quality has become a fundamental aspect of organizational success and sustainability. As services are often intangible and produced and consumed simultaneously, assessing their quality presents unique challenges compared to physical goods. Nevertheless, customers increasingly base their loyalty, satisfaction, and purchasing decisions on the perceived quality of service they receive.

The concept of service quality has been extensively studied in both academic and practical contexts, with models such as SERVQUAL providing a structured framework for evaluating key dimensions—tangibles, reliability, responsiveness, assurance, and empathy. These dimensions capture the essential elements that shape customer expectations and perceptions. Organizations that consistently deliver high-quality service not only enhance customer satisfaction but also strengthen brand reputation and improve operational performance. This paper aims to explore the conceptual foundations, measurement tools, and practical implications of service quality, while also addressing the challenges faced by organizations in maintaining high standards in an increasingly digital and customer-centric world.

II.OBJECTIVE

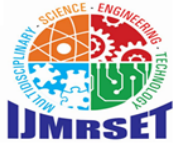
- To examine the conceptual framework and key dimensions of service quality in various service sectors.
- To analyze the relationship between service quality and customer satisfaction, loyalty, and organizational performance.
- To evaluate the effectiveness of existing service quality measurement models, particularly the SERVQUAL model.
- To identify challenges and emerging trends in managing service quality in a dynamic and technology-driven environment.
- To provide strategic recommendations for improving service quality to enhance customer experience and competitive advantage.

III.LITERATURE REVIEW

1. Cronin, Brady, & Hult (2000)

Title: Assessing the effects of quality, value, and customer satisfaction on consumer behavioral intentions in service environments.

Contribution: Developed an integrative model linking service quality, customer value, and satisfaction to behavioral intentions.



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2. **Caruana (2002)**
Title: Service loyalty: The effects of service quality and the mediating role of customer satisfaction.
Contribution: Highlighted customer satisfaction as a key mediator between service quality and customer loyalty.
3. **Bitner, Ostrom, & Meuter (2002)**
Title: Implementing successful self-service technologies.
Contribution: Explored how service technologies (e.g., kiosks, online portals) influence perceived service quality through usability and customer control.
4. **Zeithaml, Parasuraman, & Malhotra (2002)**
Title: Service quality delivery through web sites: A critical review of extant knowledge.
Contribution: Proposed a framework for **e-service quality** focused on reliability, responsiveness, and user interface quality in web-based services.
5. **Santos (2003)**
Title: E-service quality: A model of virtual service quality dimensions.
Contribution: Introduced key dimensions of online service quality including ease of use, security, efficiency, and responsiveness.
6. **Seth, Deshmukh, & Vrat (2005)**
Title: Service quality models: A review.
Contribution: Reviewed various service quality models and emphasized the need for context-specific adaptations.
7. **Olorunniwo, Hsu, & Udo (2006)**
Title: Service quality, customer satisfaction, and behavioral intentions in the service factory.
Contribution: Developed a revised model emphasizing reliability and responsiveness in retail service quality.
8. **Herington & Weaven (2009)**
Title: E-retailing by banks: E-service quality and its importance to customer satisfaction.
Contribution: Found that trust, security, and ease of use are vital dimensions in online banking service quality.
9. **Ho & Lin (2010)**
Title: Measuring the service quality of internet banking: Scale development and validation.
Contribution: Proposed a refined e-service quality model integrating system design, customization, and interaction.
10. **Wirtz et al. (2018)**
Title: Brave new world: Service robots in the frontline.
Contribution: Addressed how AI and service robots impact service quality perception, customer trust, and satisfaction.

IV.FINDINGS AND SUGGESTION

4.1 Findings

1. Time Management & Punctuality

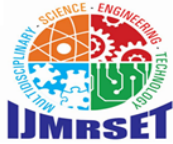
- Deadlines: 70% of employees are neutral or negative about meeting deadlines.
- Punctuality in Meetings: 32% expressed dissatisfaction; only 44% rated it positively.
- Proactive Communication on Delays: Responses were split—38% agreed and 38% disagreed.
- Adaptability to Obstacles: 40% felt they adapt well, but 30% disagreed.
- Task Prioritization: 42% were neutral; only 30% felt confident in their ability to prioritize tasks.

2. Resource Management

- Efficiency: 46% agreed it's efficient, but 34% were neutral and 32% disagreed.
- Awareness of Resource Allocation: 48% were neutral, showing a lack of transparency.
- Cross-department Collaboration: 54% see collaboration, but 32% still disagree.
- Technology Utilization: Majority (46%) were neutral; only 38% agreed it's used effectively.
- Resource Wastage: 40% were neutral; 32% noticed wastage, pointing to inefficiencies.

3. Customer Service

- Response Time: 70% believe customer inquiries are handled quickly.
- Handling Urgent Issues: Also seen positively by 70% of respondents.
- Status Updates: 52% said updates are proactive; 30% neutral, 18% negative.
- Customer Support Availability: 52% positive, but a high 42% were neutral.
- Willingness to Help: 78% positive, but oddly, 22% also expressed dissatisfaction (possibly a data issue).



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4. Delivery & Satisfaction

- Delivery Timeliness: Mixed feedback—32% satisfied vs. 34% neutral and 34% dissatisfied.
- Communication on Deliveries: Balanced—32% positive, 32% negative, 36% neutral.
- Supplier Responsiveness: Evenly split between positive and negative.
- Delivery Efficiency: 26% positive, 36% negative, 38% neutral.
- Willingness to Recommend: 50% would not recommend delivery services.

5. Product/Service Quality

- Satisfaction: 34% satisfied, 42% neutral, 24% dissatisfied.
- Quality Ratings: Strong positive feedback—66% rated quality as good or excellent.

4.2 SUGGESTIONS

A. Improve Internal Operations

- Conduct workshops on time management and task prioritization.
- Implement project tracking tools (e.g., Trello, Asana) for better deadline visibility.
- Encourage proactive communication with structured update routines.

B. Enhance Resource Transparency

- Share monthly reports on resource allocation across departments.
- Promote inter-departmental meetings to align resource planning and reduce silos.

C. Leverage Technology Better

- Audit current tools and systems to identify gaps.
- Train employees on new technologies for better resource utilization.

D. Customer Support Optimization

- Standardize update protocols for customer requests.
- Increase staffing or optimize scheduling for customer support availability.

E. Revamp Delivery & Logistics

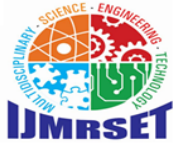
- Reassess logistics partnerships and internal delivery workflows.
- Create a feedback loop with suppliers to address urgency and responsiveness.
- Improve customer communication on delivery schedules and delays.

F. Boost Brand Trust

- Highlight product quality success stories to counteract delivery concerns.
- Implement customer loyalty programs or surveys to monitor satisfaction closely.

V. CONCLUSION

In conclusion, this study on service quality has provided valuable insights into both the strengths and areas for improvement within the company. The analysis revealed that performs admirably in terms of reliability and punctuality, with customers generally satisfied with the timely and accurate delivery of their shipments. This success can be attributed to the company's effective use of advanced logistics technology and well-established processes. However, the study also highlighted several areas where service quality could be enhanced. Specifically, there are noticeable gaps in communication and responsiveness, with customers occasionally experiencing delays in responses to inquiries and complaints. Additionally, there is room for improvement in providing more personalized customer service, which could significantly enhance overall customer satisfaction. Employee feedback further underscores these challenges, pointing out issues related to resource allocation and workload management that impact service delivery. This includes exploring advancements in sustainability practices and leveraging new technologies to stay ahead of industry trends. To address these findings, it is recommended that enhance its communication strategies, invest in comprehensive employee training, and optimize resource allocation to better support staff and improve service delivery. Additionally, adopting industry best practices and focusing on emerging trends will help the company maintain a competitive edge and continue to meet and exceed customer expectations. By implementing these recommendations, can elevate its service quality, strengthen customer relationships, and position itself for long-term success in the dynamic logistics sector.



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REFERENCES

1. Cronin, J. J., Brady, M. K., & Hult, G. T. M. (2000). Assessing the effects of quality, value, and customer satisfaction on consumer behavioral intentions in service environments. *Journal of Retailing*, 76(2), 193–218.
2. Caruana, A. (2002). Service loyalty: The effects of service quality and the mediating role of customer satisfaction. *European Journal of Marketing*, 36(7/8), 811–828.
3. Bitner, M. J., Ostrom, A. L., & Meuter, M. L. (2002). Implementing successful self-service technologies. *Academy of Management Executive*, 16(4), 96–108.
4. Zeithaml, V. A., Parasuraman, A., & Malhotra, A. (2002). Service quality delivery through web sites: A critical review of extant knowledge. *Journal of the Academy of Marketing Science*, 30(4), 362–375.
5. Santos, J. (2003). E-service quality: A model of virtual service dimensions. *Managing Service Quality: An International Journal*, 13(3), 233–246.
6. Seth, N., Deshmukh, S. G., & Vrat, P. (2005). Service quality models: A review. *International Journal of Quality & Reliability Management*, 22(9), 913–949.
7. Olorunniwo, F., Hsu, M. K., & Udo, G. J. (2006). Service quality, customer satisfaction, and behavioral intentions in the service factory. *Journal of Services Marketing*, 20(1), 59–72.
8. Herington, C., & Weaven, S. (2009). E-retailing by banks: E-service quality and its importance to customer satisfaction. *International Journal of Retail & Distribution Management*, 37(5), 390–403.
9. Ho, C.-B., & Lin, W.-C. (2010). Measuring the service quality of internet banking: Scale development and validation. *European Business Review*, 22(1), 5–24.
10. Wirtz, J., Patterson, P. G., Kunz, W. H., Gruber, T., Lu, V. N., Paluch, S., & Martins, A. (2018). Brave new world: Service robots in the frontline. *Journal of Service Management*, 29(5), 907–931.



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