Project Report – Creating a New Payment Gateway for Credit Card

Title Page Project Title: Creating a New Payment Gateway for Credit Card Name: [Your Name] Class / Department: [Your Class] Roll Number: [Your Roll No] Date: [Submission Date]

Objective

Explain how a credit card payment system works.

Create a simple frontend and backend simulation for demonstration.

Existing System vs Proposed System

Feature Existing System Proposed System

Payment Method Cash / Bank transfer Credit Card online

Speed Slow Instant

User Convenience Medium High

Security Low Medium (simulation only)

System Design Flowchart / Block Diagram: Homepage -> Payment Page -> Payment Verification -> Success Page

Screenshots

Homepage [Placeholder for Screenshot]

Payment Form [Placeholder for Screenshot]

Payment Success Alert [Placeholder for Screenshot]

Conclusion

Developed a simple credit card payment gateway simulation.

Frontend design is easy to understand.

Backend verification simulation can be added optionally.

References

W3Schools: HTML/CSS/JS tutorials

Stack Overflow