



AMAL JYOTHI
COLLEGE OF ENGINEERING
(A U T O N O M O U S)

DIGITAL COMMERCE EMPOWERMENT ECOSYSTEM (DCEE)

20INMCA509 - Mini Project 2

Scrum Master

Ms. Sona Maria Sebastian

Assistant Professor

Department of Computer Applications

Josna Mary Thomas

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https://github.com/Josnamaryt/DCEE_Miniproject2.git

josnamarythomas2025@mca.ajce.in

**DEPARTMENT OF
COMPUTER APPLICATIONS**



ABSTRACT

a) Abstract:

An innovative initiative poised to empower small and local Indian businesses to not merely survive but thrive in the digital age. DCEE aims to bridge the digital divide, offering a suite of solutions that enhance digital presence, cultivate customer trust, facilitate rural payments, streamline support processes, optimize inventory management, simplify regulatory compliance, and bridge digital literacy gaps. By addressing these pressing issues head-on, DCEE aspires to be a catalyst for the growth and prosperity of small businesses, enriching communities and preserving the entrepreneurial spirit that defines the essence of Indian commerce.

b) List of users:

- **Digital Storefront owner**
 - Register
 - Manage profile
 - Access Tutorials
 - Manage products or business store
 - View and manage customers
 - Payment transaction
- **Customers**
 - Register
 - Manage profile
 - Buy products
 - Add to cart
 - Manage cart
 - Payment transaction
 - Complaint / Feedback
- **Admin**
 - Login
 - Manage other user profiles (customer, storefront builder)
 - Add and Edit Products
 - Manage security controls
 - Manage transactions
- **Instructors**
 - Add and manage courses
 - Manage enrolled users

c) Modules:

- **Auth**
 - Registration and login
 - Forget password
 - Update password
 - Reset email
- **Platform**
 - Dashboard
 - Profile (Owner, Admin, Customer, Instructor)
 - Storefront
 - Register
 - Add Resources
 - Deletion
- **Payment Module**
 - Send and receive money
- **Analytics (Main Project)**
 - Registered Storefront Owner
 - Customer
 - Products
- **Chatbot (Main Project)**
 - Answer frequently asked questions
 - Guide users towards appropriate resources within the system (e.g., registering, tutorials)
 - Provide basic information.

Tools used:

- Frontend: Bootstrap, Vue.js
- Backend: Flask API
- Database: MongoDB