

NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Mini Project Title Approval Form – 2024-25

Subject: Mini Project

Branch: CSE

Subject Code: BCSE0459

Section: A

Project ID/Group No.:

Semester: IV

Project Title/Name	<i>amigo</i> : AI-Powered Workflow Automation for Businesses or Startups
Problem Statement	Businesses often struggle with repetitive tasks, manual data transfers, and inefficient workflows that hinder productivity. Existing automation platforms like Zapier and n8n offer solutions but can be costly, complex, or lack customization for specific needs. There is a need for a scalable, cost-effective, and user-friendly workflow automation platform that integrates seamlessly with various applications and services.
Abstract or Overview of Project	<i>amigo</i> is a web-based workflow automation platform designed to help businesses streamline repetitive tasks by connecting various applications and automating processes with minimal manual intervention. Users can create, manage, and monitor workflows through a no-code or low-code interface, integrating services like email, databases, cloud storage, and third-party APIs. By leveraging modern web technologies, <i>amigo</i> provides a scalable and efficient automation solution tailored for small and medium-sized enterprises (SMEs) and developers seeking seamless workflow integrations.
Technology Used	Frontend: Next.js (TypeScript), Tailwind CSS, ShadCN UI Backend & Database: Prisma ORM, Neon Tech Authentication: Clerk Auth Workflow & Automation: React Flow, Cron Jobs Payments: Stripe Hosting & Deployment: Vercel (for frontend), Neon Tech (for database)

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Details of Project Group Members

S. No.	ERP ID	Roll No.	Name
1	0231CSE087	2301330100208	Suryansh Singh
2	0231CSE064	2301330100127	Mrityunjay Pandey

Note: In case of approving the project, affix signature below, confirming formal endorsement and authorization to proceed with the project as outlined.

Guide Name: Mr. Suhail Rashid Wani

Dr. Kumud Saxena

HOD, CSE/MTech(Int)

Signature

Signature