**Subject:** Mini Project **Branch:** CSE

**Subject Code:** BCSE0459 **Section:** A

**Project ID/Group No.: Semester:** IV

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| **Project Title/Name** | *amigo*: 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** | *amigo* 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, *amigo* 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) |

**Details of Project Group Members**

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| --- | --- | --- | --- |
| **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