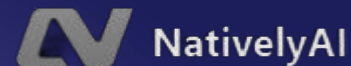


Organized by:



AI-Powered Global Student Guide (StudyMate AI)

Developed By Team Vision Commanders



Our Team



**Muhammad Farooque
Basha**
Full Stack/AI Engineer



WAQAS ALI
Electronic Engineer



Manik Syangtan
AI/ML Engineer



01

Problem Statement

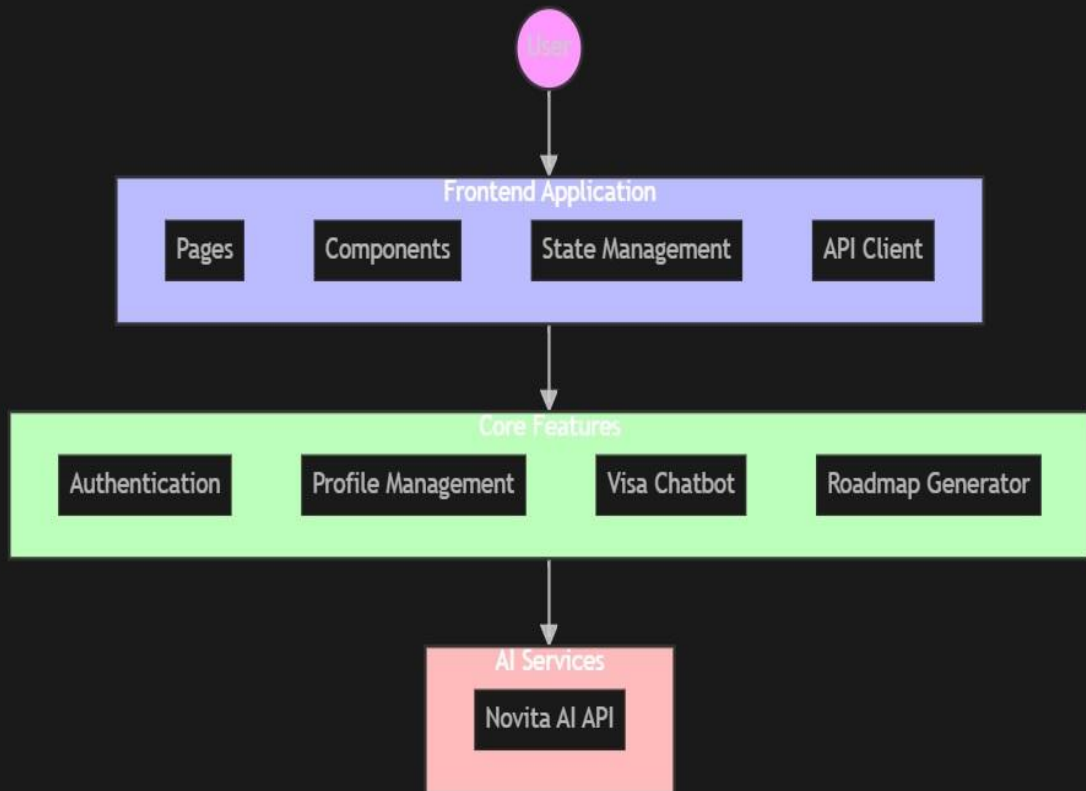
Problem Statement

"Challenges Faced by International Students"

- Complex visa procedures
- Unclear study timelines
- Language barriers
- Lack of personalized guidance
- Overwhelming documentation & tasks

02

Architecture



- Client-Side SPA: React + Vite

API Integration: Novita AI (LLM)

- Custom Hooks & Schema Validation
- Modular Components (Visa, Roadmap, Profile)
- Auth & Session via Local Storage

Solution Overview

- *"StudyMate AI — A complete companion for the study abroad journey:*
 - AI-guided visa assistant
 - Personalized roadmap generator
 - Profile-based learning support
 - Real-time translation & chat support
 - Task automation with LLMs

Key Features Overview

"Key Workflows Demonstrated:"

- Profile-Driven Personalization
- AI Visa Assistant (Chatbot)
- Roadmap Generator (Timeline + Tasks)
- Authentication System
- Dashboard with progress tracking
- Multi-language support

Technologies Stack

"Core Technologies:

- Trae AI IDE – for AI-native development
- Frontend: React 18 + Vite + TypeScript + Tailwind CSS

AI Integration:

- Novita AI for chat-based support
- OpenAI SDK for roadmap & task generation
- Real-time streaming responses
- Data Management: React Query + Form Validation with Zod



03

Market Opportunity



04

Business Model

Business Model

"Monetization Strategy:

For Students:

Saves 100+ hours of research

Reduces visa rejection risk

Personalized, stress-free journey

For Institutions & Agencies:

AI-based applicant profiling

Scalable guidance assistant

SaaS-based integration opportunity

Market Potential:

7M+ global student migrants

\$100B+ EdTech + Study Abroad industry

Originality

Why StudyMate AI is Unique?

- End-to-end AI-driven guidance system
- Real-time roadmap creation using preferences
- Personalized visa checklist with chatbot UX
- Seamless blending of AI + EdTech + Migration

Next Steps

"Upcoming Milestones:

- Add backend (Node.js + DB) for full persistence
- Launch mobile PWA
- Partner with universities & consultancies
- Add community Q&A and peer-to-peer support



05

User Interaction Demo