PROPOSED SOLUTION

ImpactLoom is an AI-powered platform for CSR project management, impact assessment, and collaboration. Companies can add projects, receive AI-driven analysis, track progress via interactive dashboards, and generate comprehensive reports. A CSR Success Stories Feed enables knowledge sharing, while AI-powered matchmaking connects companies for collaboration based on shared challenges and goals. Stakeholders have a dedicated dashboard to monitor investments, review CSR reports, and provide feedback, ensuring transparency and impact-driven decision-making.

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SOLUTION ARCHITECTURE
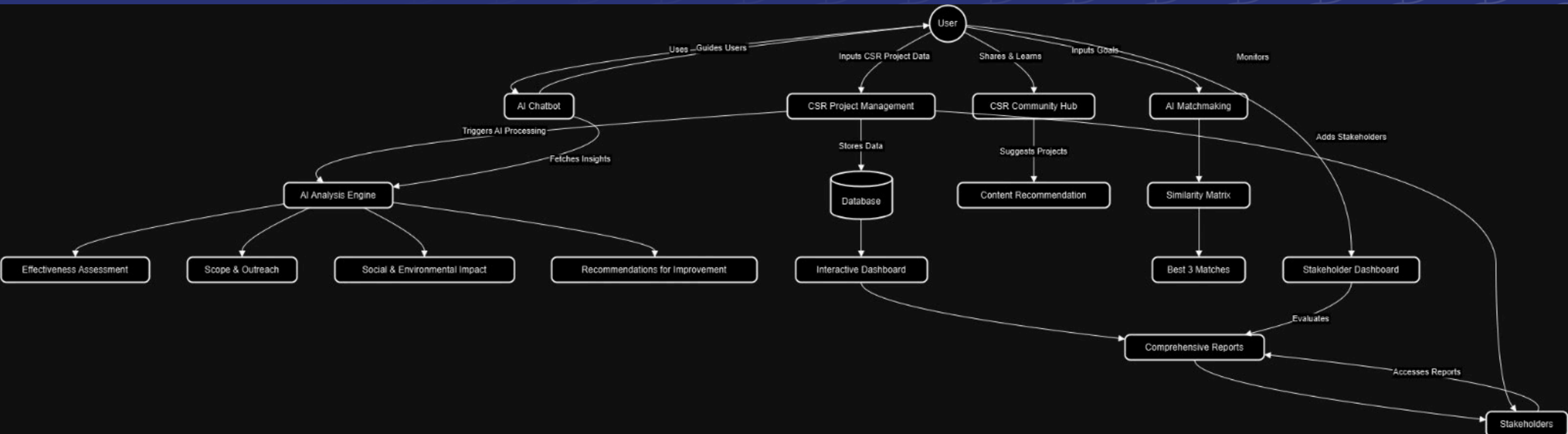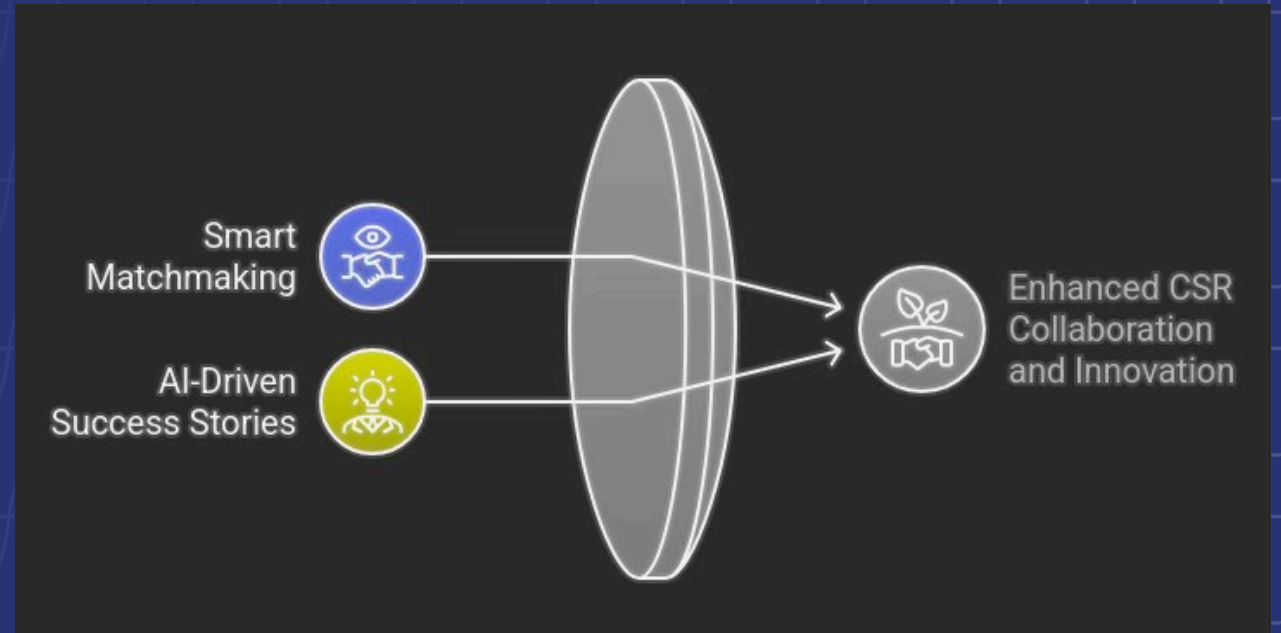
UNIQUE SELLING PROPOSITION

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Smart Matchmaking for Good Collaboration:

Companies often struggle to find the right partners who share their CSR goals, challenges, or expertise.Our **AI powered Recommendation algorithm** using **cosine similarity** analyses CSR projects based on fields, targets, challenges, and impact areas to identify the best-fit partners, so as to pursue the project goals together.
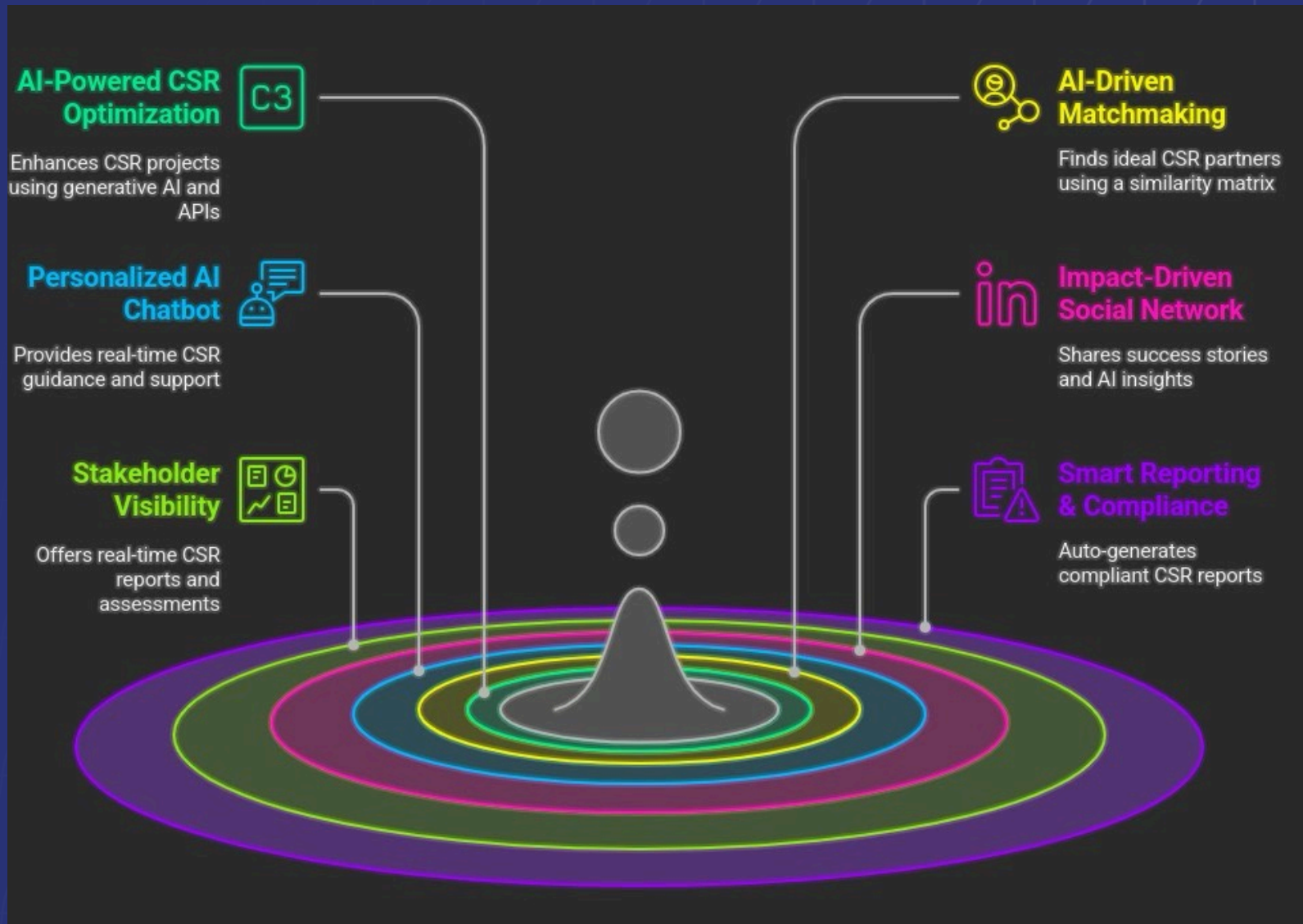
AI-Driven Success Story Hub :

AI curates similar CSR success stories, enabling companies to learn from real-world cases.Facilitates knowledge-sharing, engagement, and innovation in the CSR community.

Smart Matchmaking

AI-Driven Success Stories

Enhanced CSR Collaboration and Innovation

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NOVELTY & INNOVATION

AI-Powered CSR Optimization C3
Enhances CSR projects using generative AI and APIs

Personalized AI Chatbot
Provides real-time CSR guidance and support

Stakeholder Visibility
Offers real-time CSR reports and assessments

AI-Driven Matchmaking
Finds ideal CSR partners using a similarity matrix

Impact-Driven Social Network
Shares success stories and AI insights

Smart Reporting & Compliance
Auto-generates compliant CSR reports

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FEASIBILITY & EXECUTION

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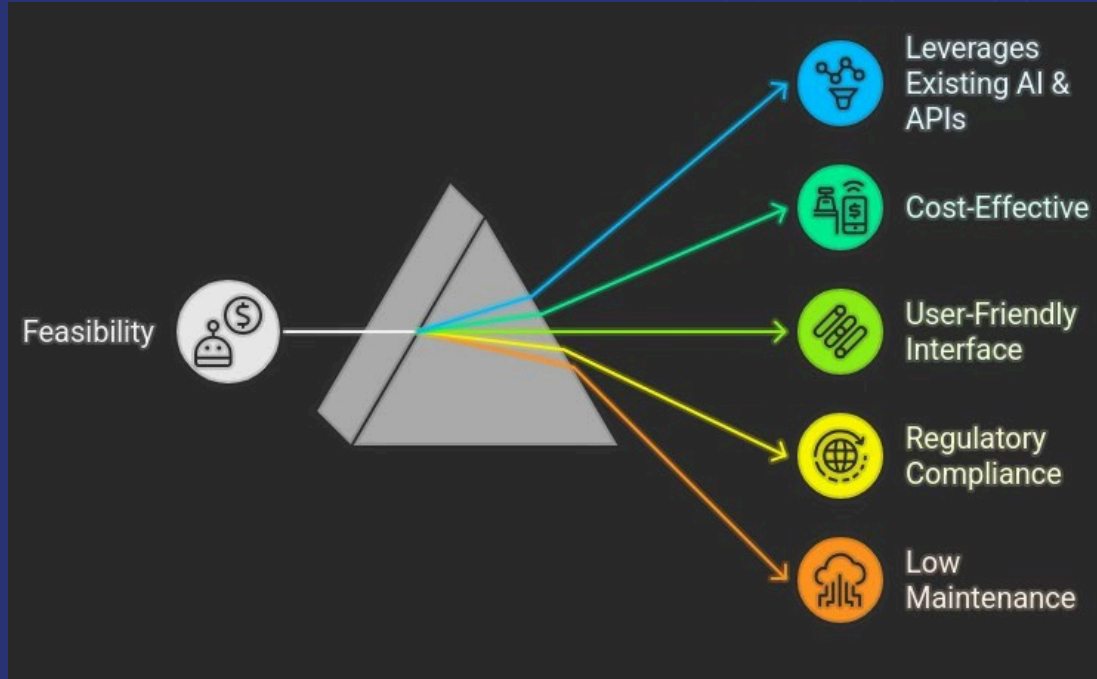
Feasibility Assessment

Feasibility

- Leverages Existing AI & APIs
- Cost-Effective
- User-Friendly Interface
- Regulatory Compliance
- Low Maintenance

Execution Workflow

01 Cloud Infrastructure Setup
Deployed on Supabase for data storage

02 Frontend Development
Built using Next.js for user experience

03 Backend & API Development
Developed APIs for secure data access

04 AI-Powered Insights & Reports
Used Gemini API for project analysis

05 Machine Learning for Matchmaking
Built recommendation system for CSR matchmaking

06 Visualization & Performance Tracking
Created dashboards for progress tracking

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TEAM DETAILS

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ROLE	NAME	STREAM/ DEPT	YEAR	COLLEGE
Full Stack Developer	Adithya Nangarath	CSE	3rd Year	IIIT-Bangalore
AI Engineer	Ullas G	CSE	3rd Year	IIIT-Bangalore
Frontend Developer	Mallikarjun Chakoti	CSE	3rd Year	IIIT-Bangalore

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