

# MVP Feature List – Student Networking Platform

## Core Vision

A social media platform exclusively for students — combining the best of LinkedIn, Reddit, and X — but with a **unique, addictive UI** and a **pseudo-anonymous engagement model** centered on comments, upvotes, and downvotes.

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## MVP Features

### 1. Authentication & Anonymity

- Pseudo-anonymous student profiles (no real names visible).
  - One-time student verification with token system to ensure authenticity while preserving anonymity.
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### 2. Feed & Posting

- Users can post:
  - Queries / problem statements
  - Solutions / advice
  - Job hunting requests (e.g., referral asks)
  - College/community discussions
- Feed is filterable by **city / state / country** range selection.
- Upvote & downvote engagement system.

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### 3. AI-Powered Feed Management

- Built-in AI monitors for **organic growth & content ranking**.
  - Strict moderation: non-professional/off-topic posts are automatically flagged → temporary ban.
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### 4. Daily Problem of the Day 🐻

- A special section pinned at the top of the feed.
  - Displays the **best problem statement + top solution** daily.
  - Profiles contributing here are boosted for networking visibility.
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### 5. Hackathon Match Section 🐻

- Dedicated space for students looking for hackathon teammates.
  - Matching system based on **shared interests and skills** (similar to Tinder-style matching).
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### 6. Content Moderation & Safety 🐻

- AI filters + report option for users.
  - Non-relevant, vulgar, or offensive content = flagged instantly.
  - AI shows all spam suspected links, pics and comments beside the comment.
  - Offending accounts receive a **temporary 45-day ban**.
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## 7. Monetization (MVP Approach)

- One-time purchase model on Play Store (initial version).
  - Integration of non-intrusive ads designed not to harm user experience.
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## 8. User Engagement & Trust Badges

- Special badges awarded to users who:
  - Spend more time engaging on the platform.
  - Consistently generate high-quality, upvoted content.
- Badge levels (e.g., Bronze → Silver → Gold → Platinum) indicate trustworthiness and credibility.
- New users can use badges as a signal of reliability when deciding whom to follow or trust for information.



## Scope Boundaries (MVP vs Later)

- MVP includes: feed, posting, daily problem, hackathon match, moderation, pseudo-anonymous auth.
  - Advanced features (E2E encrypted DMs, badges, leaderboards, referrals) reserved for later versions.
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👉 This MVP ensures your app is **launchable, addictive, and unique** while staying true to your vision: a professional, anonymous-first student network that fosters genuine knowledge-sharing and opportunities.

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## Camply AI & Blockchain Integration Blueprint

Transform Camply into the **scam-free, trusted student networking hub** with AI as the **Guardian + Guide**, and blockchain powering **secure, one-time login**. Camply ensures **trust, safety, and meaningful connections** for students.

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## ◆ Current Features

1. **Events & Networking** – Students can join/post events and connect with peers.
  2. **Trust Badges (Platinum/Gold)** – Planned to indicate credibility.
  3. **Academic Resources** – Notes, study material, internship links shared.
  4. **Community Feed** – Students post and interact.
  5. **User Profiles** – Academic info, interests, and connections.
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## ◆ 1. AI-Powered Trust Score & Dynamic Badging

- **What it Does:**
  - Assigns each user/event/resource a **trust score (0–100)**.
  - Auto-issues **Silver → Gold → Platinum badges** based on trust score.
  - Scores update dynamically (good behavior = upgrade, bad = downgrade).
- **How to Implement:**
  - Build a **Trust Engine** using ML classifiers trained on:
    - Identity verification signals.
    - Community interactions (reports, likes, attendance).
    - Content history (spam or plagiarism checks).
  - Store scores in backend DB and render badges dynamically on frontend.

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## ◆ 2. Scam Shield (Content & Link Verification)

- What it Does:

- AI scans posts, events, and shared links for fraud, plagiarism, phishing.
- Suspicious content gets flagged with ! “Review Needed”.

- How to Implement:

- Use NLP models (BERT, spaCy, or fine-tuned LLM) to detect scam patterns.
- Integrate Google Safe Browsing API for link checks.
- Auto-flag or hide posts until approved via moderation dashboard.

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## ◆ 3. Safe Networking & Collaboration Engine

- What it Does:

- AI recommends trusted peers, clubs, or mentors based on academic alignment + trust scores.
- Suspicious/fake accounts get deprioritized.

- How to Implement:

- Build a recommendation system using:
  - User academic data (courses, year, interests).
  - Trust scores.
  - Graph-based ML (community detection algorithms).
- Deliver recommendations in UI as “Safe to Connect” suggestions.

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## ◆ 4. AI-Enhanced Events & Resources

- **What it Does:**

- Summarizes and verifies every event/resource.
- Creates **personalized invites** and highlights trusted organizers.

- **How to Implement:**

- Use **text summarization models (T5, LLaMA fine-tuned)** for auto-summaries.
  - Link with Trust Engine to show trust score beside event/resource.
  - Personalization via **collaborative filtering ML** (like Netflix recommendations).
  - Generate AI invites with prompt-based text generation.
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## ◆ 5. Guardian AI Assistant

- **What it Does:**

- Conversational assistant that answers:
  - “Is this event safe?”
  - “Who are Platinum users this week?”
  - “Which study groups are verified for my course?”

- **How to Implement:**

- Fine-tune an **LLM (GPT, LLaMA, Mistral)** on Camply’s data.
- Connect via **API layer** to:
  - Trust Engine (for badge data).

- Scam Shield (for risk checks).
  - Networking Engine (for safe recommendations).
  - Deploy as a **chatbot in-app** (React + WebSocket backend).
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## ◆ 6. Blockchain-Based One-Time Login System

- **What it Does:**

- Every student gets a unique **digital ID (like a secure wallet)** at signup.
- After logging in once, the student stays signed in until they explicitly log out.
- Trust badges and activity are tied to this ID, making it **tamper-proof**.

- **How it Works:**

- Camply creates a **digital ID wallet** on first signup.
- This ID acts as a **key** instead of passwords.
- No repeated login needed unless user hits “Logout.”
- Trust badges, scores, and history are stored on **blockchain**, preventing manipulation.

- **Why it Matters:**

- Prevents impersonation and fake accounts.
  - Creates **frictionless login** experience.
  - Ensures trust badges are **transparent, permanent, and secure**.
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## ◆ Final Outcome

With AI + Blockchain integration:

- **Events & Networking** → Scam-free, AI-verified, personalized.
  - **Trust Badges** → Dynamic, AI-powered, credibility backbone.
  - **Academic Resources** → Verified, plagiarism-checked, safe.
  - **Community Feed** → Auto-moderated, clean, scam-free.
  - **Profiles & Connections** → Meaningful, trust-scored, safe.
  - **Login Experience** → Frictionless, blockchain-secure, single sign-on for students.
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Bro, if you want, I can now **turn this into a Google Doc file with clean formatting, headings, and sections** ready for sharing — literally plug-and-play.

Do you want me to do that next?