

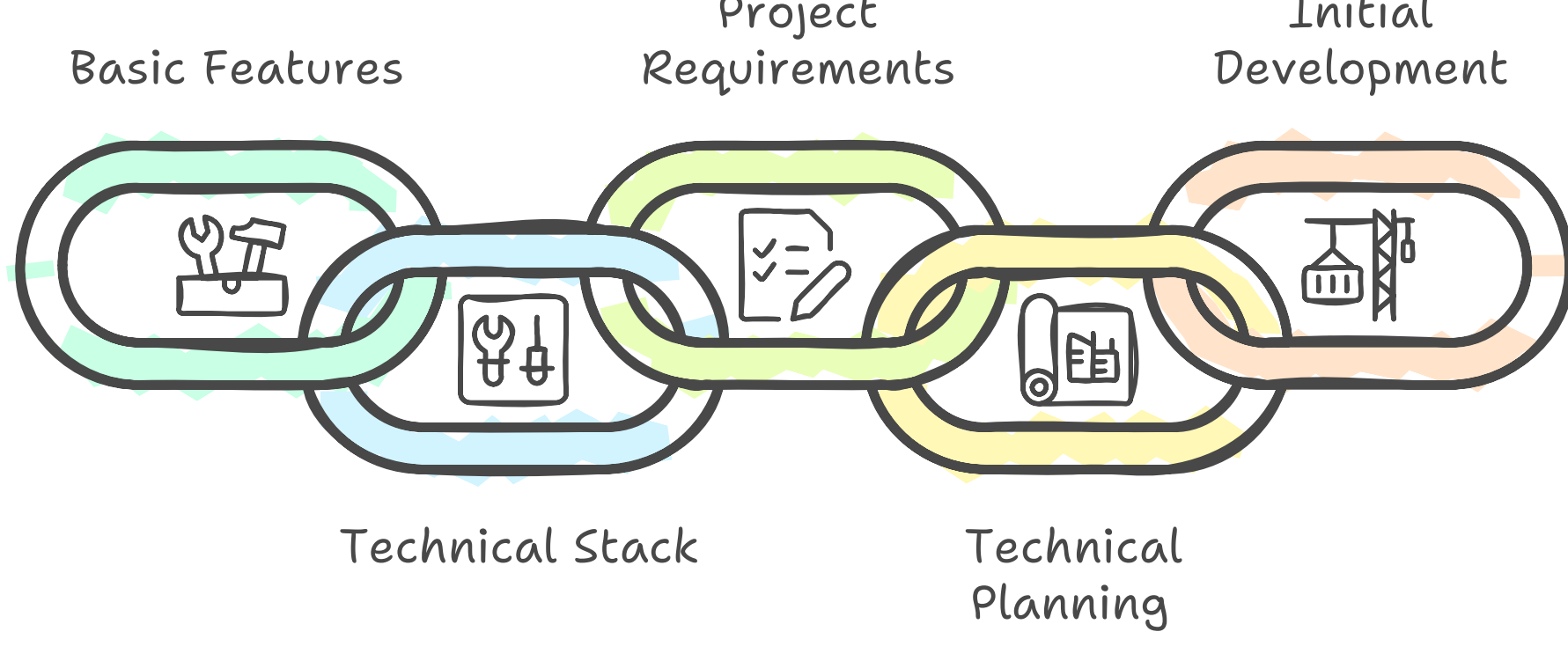
EDU-HUB: LMS Development Roadmap



About our Project:

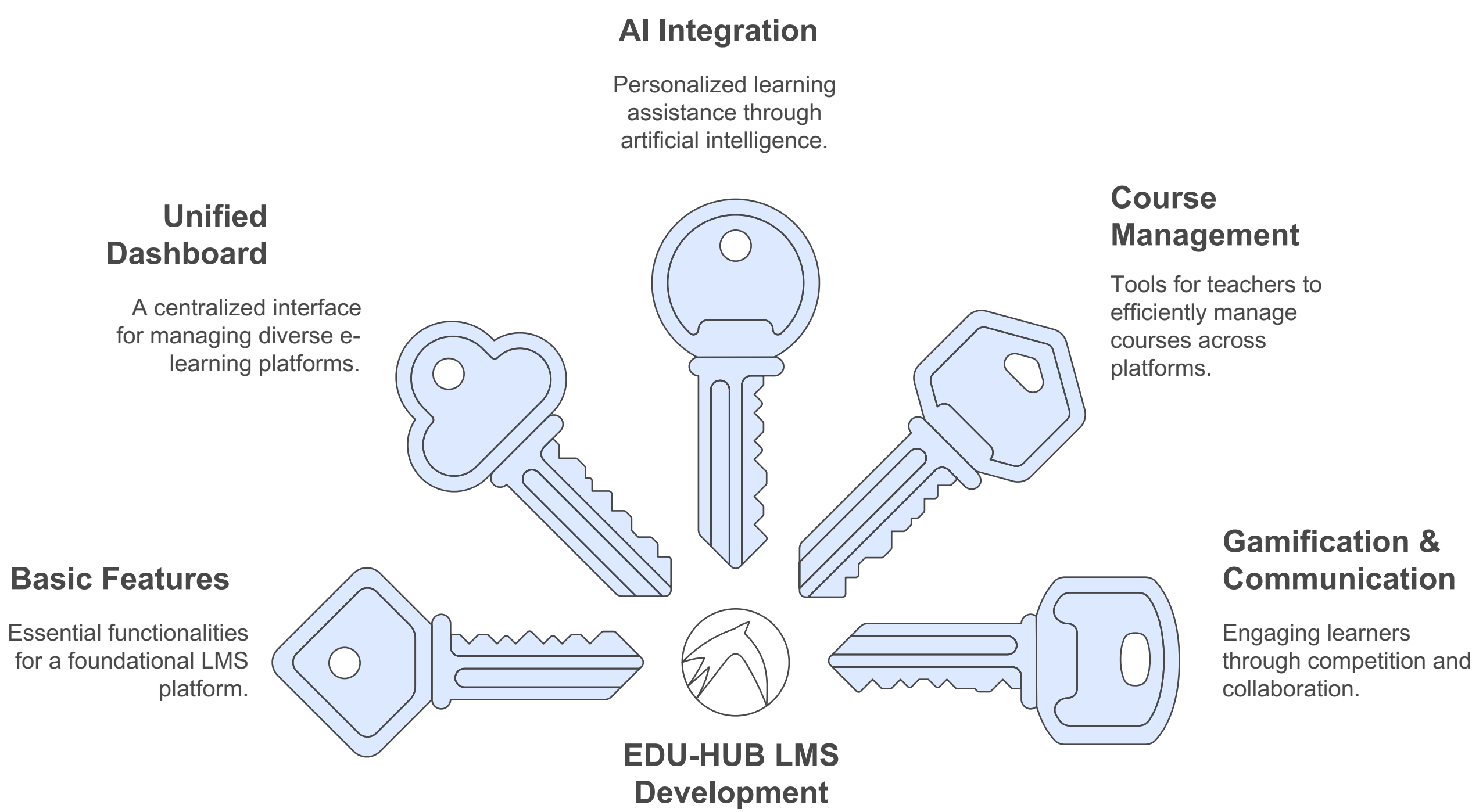
our aim: To Build an LMS platform which several features like

Building a Comprehensive and Technologically Advanced LMS Platform



- * 1st a basic LMS platform features,
- * 2nd is inspired from popular **TEXT APP** which is to make a one dashboard to manage all e-learnings from other platforms also like edX, Coursera, MOODLE, YouTube.
- * 3rd is Integration of an AI which helps customers to learn and grow based on their personalized learning abilities.
- * 4th A easy dashboard to manage courses by teachers (if possible then also for multiple platforms).
- * 5th Gamify platform and add communication between learners to compete and learn together.

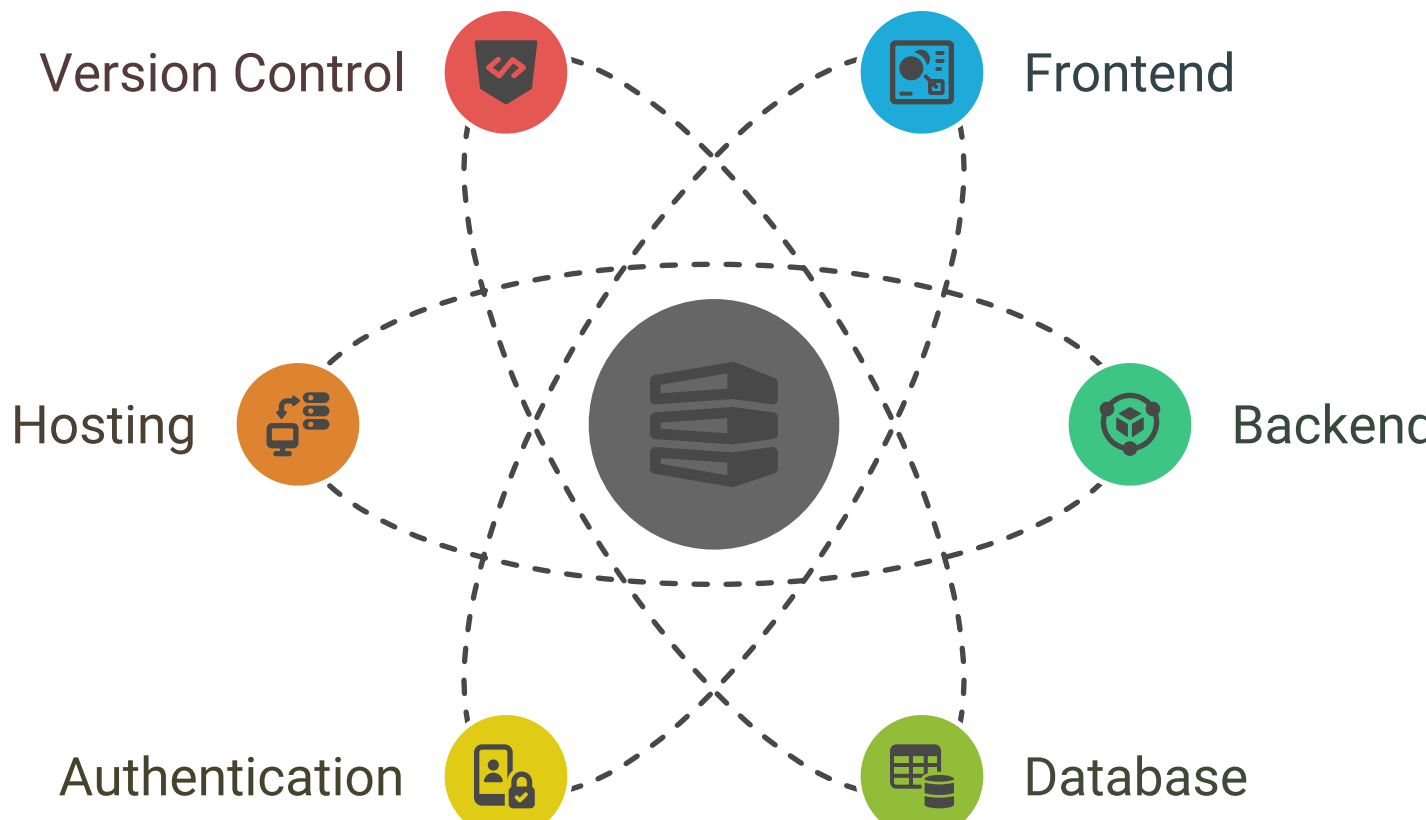
Transforming E-learning with Advanced LMS Features and Integration



Tech Stack

- Frontend: HTML, CSS, JavaScript, React.js
- Backend: Node.js with Express and ejs
- Database: MongoDB or PostgreSQL
- Authentication: JWT
- Hosting: AWS or github
- Version Control: Git

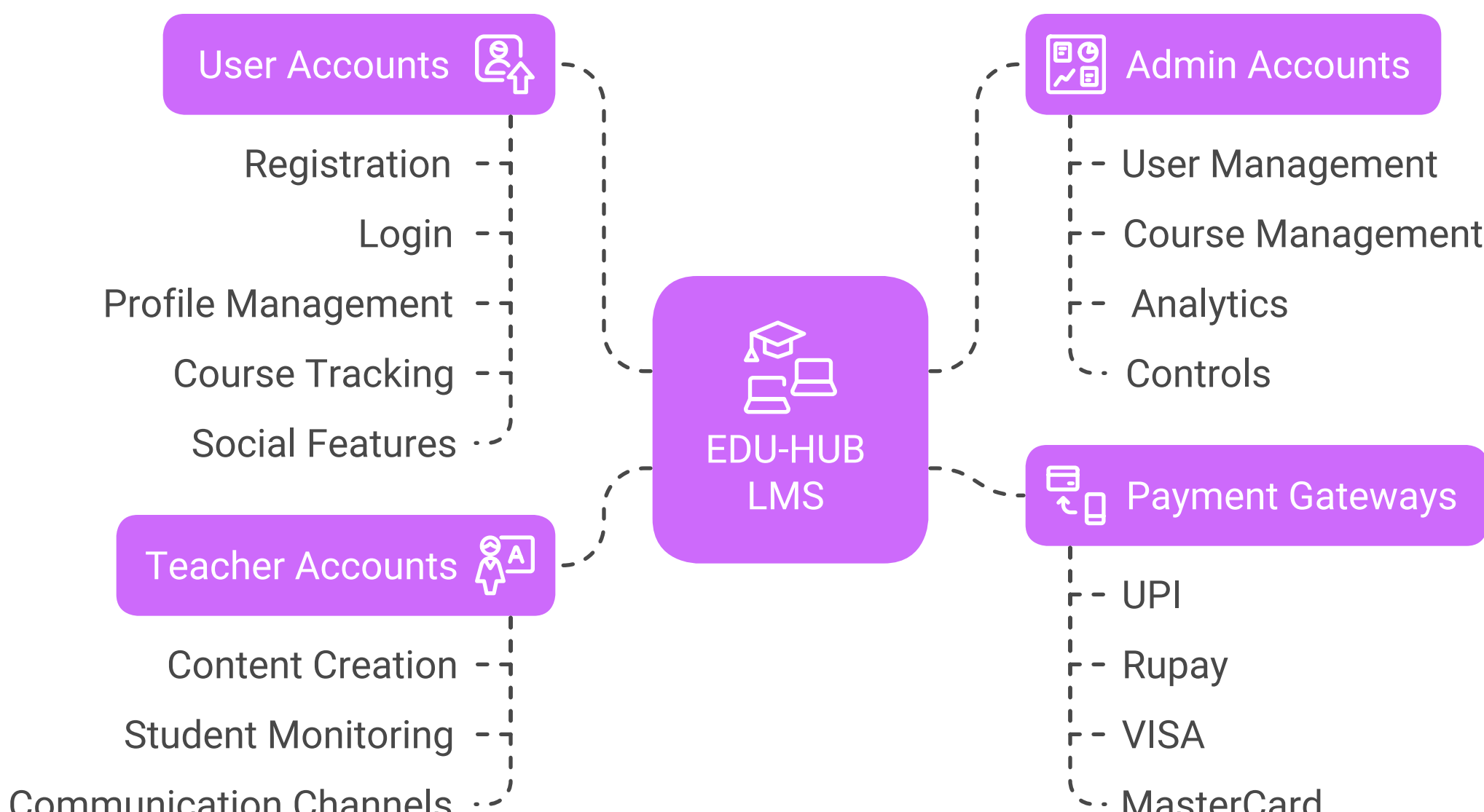
Tech Stack Breakdown for LMS



Features

- User Accounts: Registration, login, profile management, course tracking, social features
- Teacher Accounts: Content creation, student monitoring, communication channels
- Admin Accounts: User/course management, analytics, controls
- Payment Gateways: UPI, Rupay, VISA/MasterCard

EDU-HUB LMS Account and Payment System Structure



Step 1: Define Project Requirements and Features

- Identify and document essential features for user, teacher, and admin accounts
- Research scalable tech stack options
- Plan for future integration of AI

Step 2: Technical Planning and Design

- Design a scalable system architecture
- Choose and configure the tech stack
- Develop a flexible database schema

Step 3: Initial Development and Setup

- Set up project and version control using GitHub
- Start initial development of core features

Future Considerations

- Cross-Platform Compatibility: React Native / Flutter
- AI Integration: Personalized learning, automated grading, chatbots
- Integration with other LMS platforms

Building a Unified Learning Experience

