

VersionLearn: A Collaborative Learning App

Concept

VersionLearn is an educational app that enables students to learn, collaborate, and track progress across subjects like math, physics, and coding. It includes subject-specific hubs, study materials, a Q&A section, progress tracking, live class scheduling, notifications, and saved materials. We are currently developing the backend with PHP and JWT authentication.

Competitive Analysis



1. Khan Academy

Pros:

- 100% free access to high-quality educational content.
- Well-structured courses with interactive exercises.
- User-friendly and engaging for self-paced learning.

Cons:

- Lacks real-time interaction with instructors or mentors.
- No certifications or professional accreditation.
- Limited advanced courses for higher education or job-oriented skills.

2. Coursera

Pros:

- Courses from top universities and industry leaders.
- Certifications that add value to professional resumes.
- Covers a wide range of subjects, including technical and business skills.

Cons:

- Many premium courses require payment.
- Self-paced learning can be challenging without structured guidance.
- Limited hands-on practice for technical subjects compared to coding bootcamps.

Problem Statement:

Students lack an affordable, interactive platform for structured learning. VersionLearn fills this gap by offering subject-specific hubs, collaborative study materials, and progress tracking in one place.

User Persona



Name: Haneesha Kandi

Age: 20 years

Occupation: Student

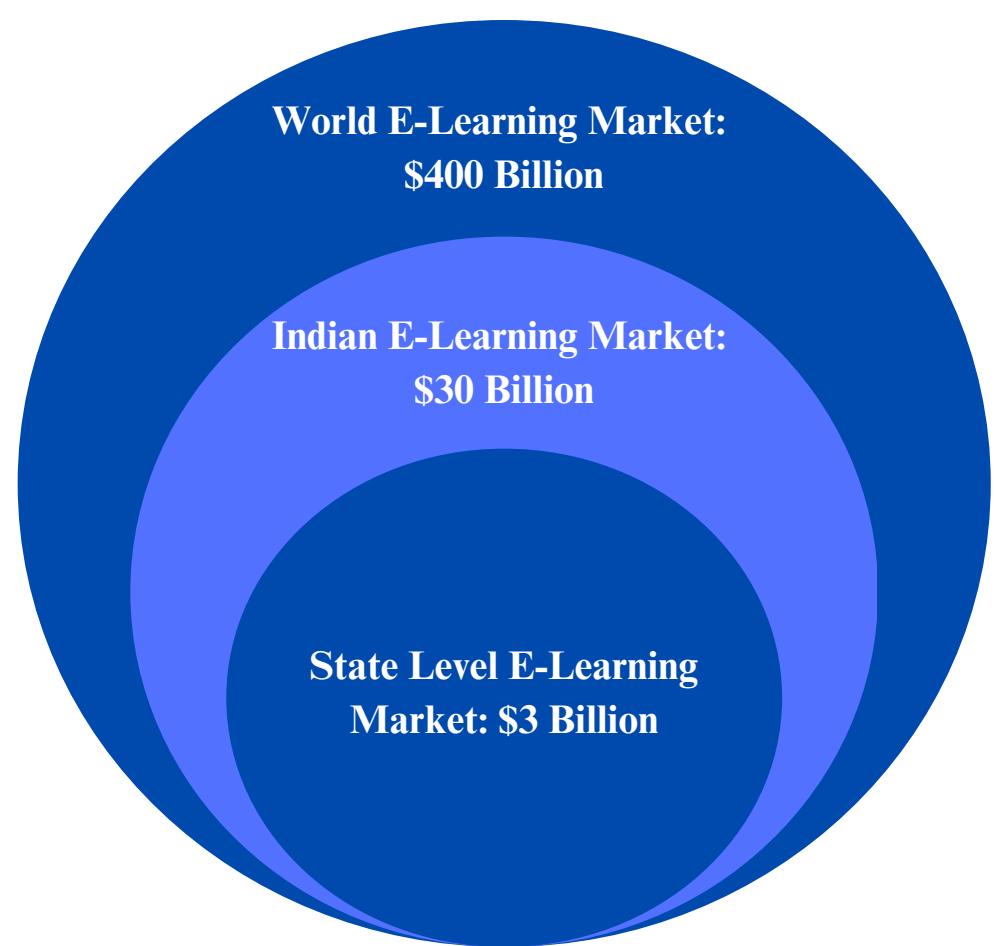
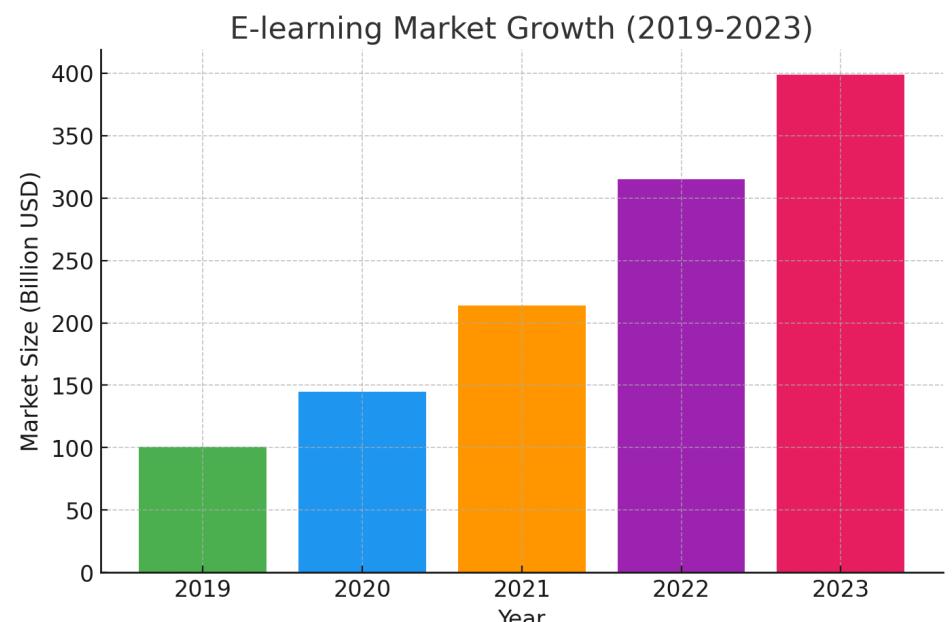
Location: Chennai, India

Education: BE in Computer Science

Solution:

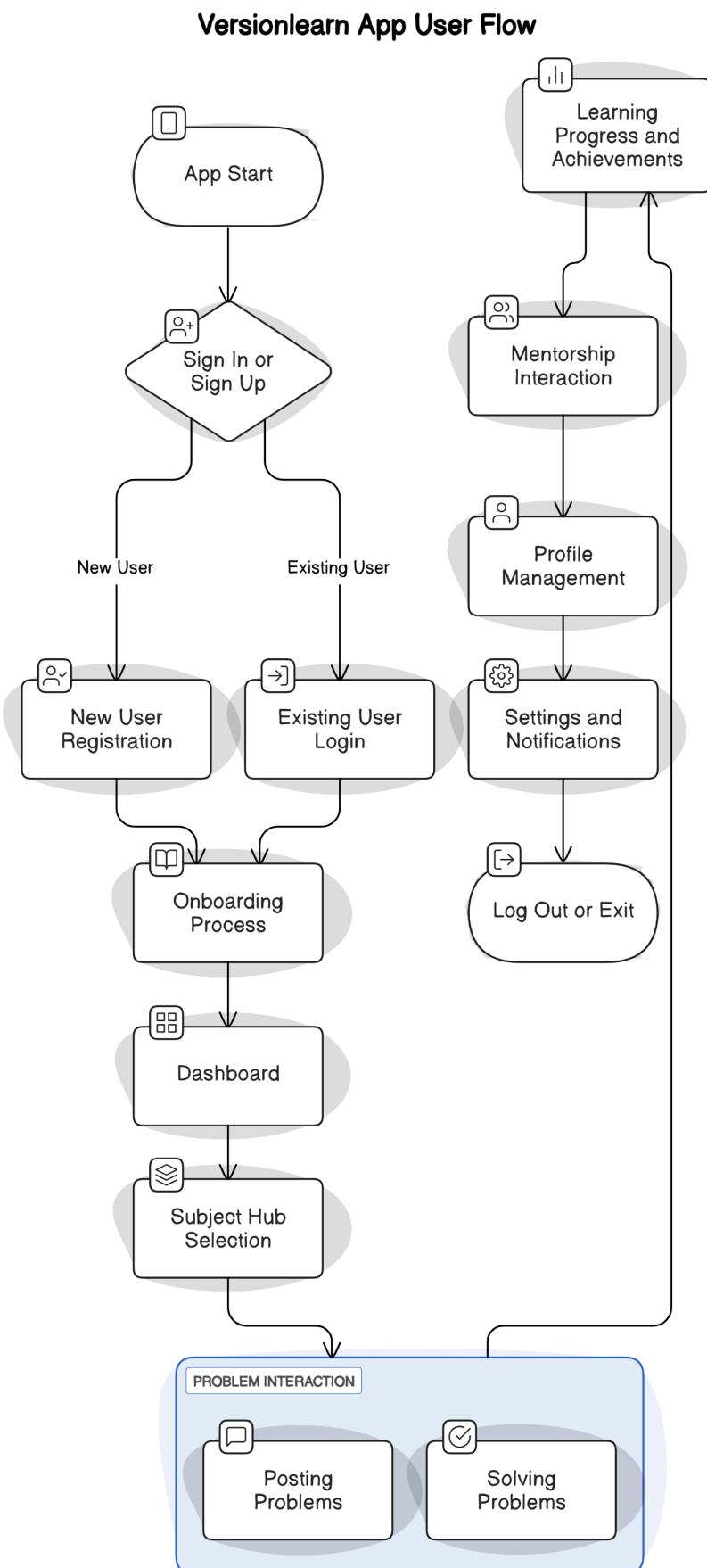
VersionLearn provides an all-in-one learning platform with subject-specific hubs, expert-curated study materials, interactive Q&A forums, and personalized progress tracking, ensuring an engaging and structured learning experience.

Business Potential



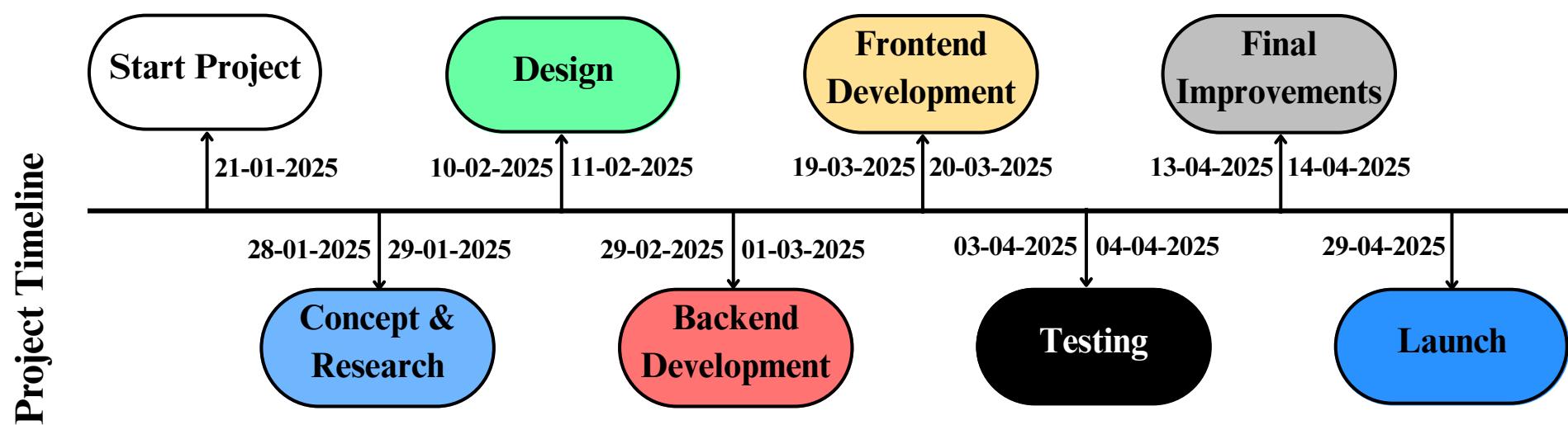
Comparison of World market with Indian market

User Flow Diagram



Programming Specifications

- **Frontend Development:** React Native
- **Backend Development:** Node.js
- **Database:** Firebase
- **Server:** Google Cloud



Prototyping-Figma

9:41

VersionLearn

Good Morning, Hemanth
Monday, January 15

Your Progress

- Mathematics**: Unit 4: Advanced Topics (75%) [Continue Learning](#)
- Physics**: Unit 2: Linear [Continue](#)

Weekly Challenges

- Math Problem Solving**: 2 days left
- Science Quiz Challenge**: 5 days left

Featured Insurances

Dashboard

9:41

Hemanth Chowdary
Grade 11 • Aspiring Data Scientist

[Edit Profile](#)

Recent Achievements

- Math Wizard**: Completed Advanced Calculus
- Code Master**: Built First Web App

Subject Progress

- Mathematics**: Details
- Physics**: Details

Profile Page

Wireframes

VersionLearn

Good Morning, Hemanth
Date, Month Date

Progress

- Subject #1**: Unit Continue
- Subject #2**: Unit Continue

ASK, **Hubs**, **Upload**

Weekly challenges

- Math Problem Solving**: 000
- Science Quiz**: 000

Dashboard wireframe

Name

Grade • **Role**

Edit Profile

Overview, **progress**, **Achievements**

Recents

Subject Progress

Profile Page Wireframe

9:41

UI/UX Design Fundamentals

Introduction to User Interface Design

Sarah Anderson
Lead Designer

12:45 2.3K views 2 weeks ago

Course Materials

- Lecture Slides**
- Exercise Files**
- Lesson Notes**

Learn the fundamentals of UI design in this comprehensive course. We'll cover everything from basic principles to advanced techniques, helping you

Show more

Video Content

9:41

Explore Hubs

Trending Hubs

- Advanced Math**: 2.3k Join
- Web Development**: 4.1k Join

All Hubs

- Calculus**: Master derivatives and integrals 1.2k Join
- Python**: Learn programming basics 3.4k Join

Subject Hubs

Unique Selling Features

- Subject-Based Learning Hubs** → Personalized spaces where users can join specific subject hubs to interact, share resources, and collaborate in real-time.
- Mentor - Student Interaction System** → Direct mentorship access inside each hub, enabling guided learning, doubt-clearing, and project discussions.
- Problem Posting & Solving Platform** → Students can post questions or mini-projects, and peers or mentors can respond with answers, code snippets, or explanations.
- Multi-format Content Support** → Supports PDFs, videos, and code snippets in one place for a versatile and rich learning experience.
- Offline Access to Saved Materials** → Students can save important materials for offline use, making it accessible even in low-network regions.
- Search-First UI Approach** → A powerful, intuitive search that helps students quickly find specific topics, materials, or mentors.

High Fidelity Prototype

Profile Page

10:53 Perfect 77

Home Screen

10:53 Perfect 77

Chat Screen

10:53 Perfect 77

Upload Page

10:53 Perfect 77

Community Page

10:53 Perfect 77

Teachers Dashboard

10:53 Perfect 76



B. Hemanth Chowdary
hemanthchowdaryb1206.sse@saveetha.com
Batch:2022-2026
192211206