

Business Requirements Document (BRD) for JAMC Project

1. Executive Summary

The JAMC project aims to create a revolutionary educational platform tailored for high school students in Vietnam. By addressing key challenges in the traditional classroom environment, JAMC will provide a personalized and flexible learning solution that enhances both teacher efficiency and student engagement. The platform empowers teachers to manage real-world classes, utilize an interactive Q&A system, and monetize additional learning resources through Modules. This document outlines the project's goals, business context, and measurable success criteria.

2. Business Context

2.1 Background and Problem Statement

In Vietnam, traditional education methods often fail to address the individual learning needs of students due to large class sizes and a lack of personalized resources. Teachers frequently repeat content annually, leaving little time for tailored support. Students, on the other hand, lack opportunities for critical thinking and self-paced learning.

2.2 Current Challenges

- Large class sizes hinder personalized teaching.
- Teachers spend significant time on repetitive lecture delivery.
- Students struggle to engage with rigid, standardized teaching formats.
- Limited tools exist for structured Q&A or self-paced learning in traditional classrooms.

2.3 Opportunity Statement

JAMC offers an innovative platform that personalizes education for students while enabling teachers to optimize their time. By integrating tools for class management, an interactive Q&A system, and monetizable Modules, JAMC bridges the gap between traditional teaching and modern educational needs.

3. Business Goals and Objectives

3.1 Goals

- Personalize the learning experience for each student.
- Enable teachers to focus on fostering critical thinking and addressing individual progress.
- Support the digital transformation of classrooms by providing intuitive online tools.

3.2 Objectives

- Deploy a user-friendly platform by [insert target date].

- Allow teachers to create monetizable Modules to support additional income streams.
 - Increase student engagement by 20% through personalized tools and interactive Q&A within the first six months.
 - Develop features aligned with Vietnam's evolving educational standards.
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4. Stakeholders

4.1 Primary Stakeholders

- **Teachers:** Manage classes, offer personalized Q&A, track student progress, and monetize Modules.
- **Students:** Enroll in classes, engage in Q&A, access Modules at their own pace, and earn rewards for participation.

4.2 Secondary Stakeholders

- **Administrators:** Oversee platform-wide activities, moderate content, and ensure compliance.
 - **Platform Owners:** Manage platform scalability, ensure system reliability, and align features with educational goals.
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5. High-Level Features

5.1 Core Features

- **Class Management:** Tools for teachers to create, manage, and monitor classes.
- **Q&A System:** Structured interactions for students and teachers to address academic questions collaboratively.
- **Module Creation and Monetization:** Teachers can develop, sell, and manage additional learning resources.
- **Student Progress Tracking:** Students can track progress through dashboards and earn badges for achievements.
- **Role-Based Access:** Features tailored to teachers, students, and administrators.

5.2 Exclusions

- AI-driven content recommendations and advanced analytics.
 - Administrative tools for school-wide content management.
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6. Success Metrics

- **Student Engagement:** Measure Q&A activity and Module completion rates.
 - **Teacher Satisfaction:** Gather feedback on time saved and ease of use.
 - **Platform Growth:** Track registered users and daily active users within the first year.
 - **Revenue:** Monitor the adoption of monetized Modules as a secondary income stream for teachers.
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7. Assumptions and Constraints

7.1 Assumptions

- Teachers are familiar with basic online class management tools.
- Students are motivated to engage in self-paced and collaborative learning environments.
- Internet access is sufficiently reliable for most users in the target regions.

7.2 Constraints

- The platform must comply with Vietnamese data protection and GDPR standards.
 - Initial development is limited to core functionalities, with advanced features scheduled for future iterations.
 - Cloud hosting must support scalability and ensure a 99.5% uptime during peak hours.
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