

# MXB2026-Sylhet-Fakibazz-Master-Moshai

Please test our beginner app. This is the **first stage** of the application and **not the final version**.

Click the link below and open it in **Microsoft Edge** or **Google Chrome**.

Then, click on the **three-dot (⋮) menu**, select “**Add to Home Screen**”, and tap **Install**.

The application will then be installed on your device.

**Link:** <https://mastermoshai-millionxbangladesh-fakibazz.lovable.app>

## Product Roadmap — Master-Moshai

### 1-MVP Scope:

The initial version of Master-Moshai focuses on **core functionalities**:

- **Personalized Question Generation:** AI creates questions based on student level and past performance.
- **Weakness Detection & Analysis:** Tracks recurring mistakes and identifies conceptual gaps.
- **Performance Dashboard:** Visual representation of topic-wise strengths and weaknesses.
- **Actionable AI Feedback:** Provides clear improvement strategies, not just correct/incorrect.
- **Supported Levels:** SSC, HSC, and university admission preparation across Science, Arts, and Commerce.
- **Tech Stack:** Frontend (HTML/CSS/JS, Figma for UI/UX), Backend (Node.js + Express.js), Database (MongoDB), AI APIs (OpenAI, Gemini, DeepSeek, Grok).

**Outcome:** Fully functional AI companion capable of personalized learning guidance and adaptive improvement.

### 2-Innovations Implemented:

- **Multi-Model AI Orchestration:** Combines multiple AI APIs to ensure reliability and accuracy.

- **RAG (Retrieval-Augmented Generation):** Context-aware AI responses grounded in syllabus and student history.
- **Dynamic Prompt Engineering:** Tailors AI reasoning per student, subject, and question type.
- **Continuous Learning Loop:** AI updates recommendations based on every interaction.
- **Scalable Architecture:** Modular system capable of serving thousands of students simultaneously.

### 3-Next-Phase Roadmap:

#### Short-Term (3–6 months):

- Develop mobile applications (iOS & Android)
- Multi-language support (Bangla, English)
- Expand question bank and syllabus coverage
- Enhanced performance visualization

#### Medium-Term (6–12 months):

- Gamified learning for increased engagement
- Advanced AI tutor for competitive exams
- Integration with schools and coaching centers
- Automated reporting for teachers and parents

#### Long-Term (1–3 years):

- Support for international curricula
- Adaptive learning for professional and lifelong education
- AI-powered mentor network for global learners
- Continuous AI improvement with advanced models and user feedback



**Behind This Project:**