

SPEAR (LMS) – Specialized Platform for Education, Assessment & Readiness

ONE-PAGE PROJECT BRIEF

1. PURPOSE & VISION

Goal: Build a secure, military-grade platform to deliver, track, and improve Army training.

Objective: Strengthen mission readiness, tactical skills, and leadership capacity.

Scope: Start with selected units; scale to entire Army.

Users: Officers, NCOs, instructors, training admins.

2. CORE FEATURES

- Content Management: Videos, documents, interactive modules, assessments.
- Course Management: Modules, lessons, auto/manual enrollment.
- Assessments: Quizzes, practical drills, scenario-based testing, automated/manual grading.
- Communication: Secure messaging, announcements, forums, group work.
- User Roles: Administrator, Instructor, Learner, Commander.
- Reports: Completion rates, performance scores, readiness metrics.

3. SECURITY REQUIREMENTS

- Host data in Zambia (data sovereignty).
- AES-256 encryption for stored data; TLS 1.3 in transit.
- Multi-Factor Authentication for all users.
- Role-based access per chain of command.
- Regular security scans & backups.

4. AI SUPPORT

Education Support

1. Curriculum development

2. Automated content creation
3. Personalized learning
4. Predictive analytics for performance

Student Support

1. Personalized study aids
2. Virtual research assistance
3. Adaptive testing

Post-Graduation Support

1. Career path modeling
2. Alumni network support
3. Feedback analysis

5. TECHNICAL BASICS

- Web-based + secure mobile app.
- Works offline with sync on reconnect.
- Open standards (SCORM/xAPI) for future compatibility.
- Scalable from battalion to entire Army.

6. TRAINING & SUPPORT

- Instructor and admin training.
- Learner quick-start manuals.
- Ongoing tech and security support.