LUXORIA

ROADMAP

**Duplicate-Asset Detection AI** (Level: Basic)  
 Integrate an AI/model/algorithm capable of automatically identifying and flagging duplicate images.

**Real-Time Collaboration System** (Level: Advanced)  
 Build a collaboration framework so that multiple photographers can work together—within the same collection—simultaneously and instantly.

**Multi-Language LuxStudio** (Level: Basic)  
 Localize LuxStudio’s interface into multiple languages (e.g. French, English, German).

**Responsive LuxStudio Layout** (Level: Basic)  
 Design and implement a LuxStudio UI that adapts cleanly to smartphones and small-screen devices.

**Dynamic “Your Own Collection”** (Level: Advanced)  
 Enable users to organize their images into a fully customizable, online photo-book–style collection.

**Enhanced LuxImport UI** (Level: Basic)  
Revamp the LuxImport interface to expose more advanced settings and import options.

**Enhanced LuxEditor** (Level: Advanced)

Rework of the LuxEditor architecture + optimization/speed up operations

**Preset-Recommendation AI** (Level: Advanced)  
Develop an AI that analyzes each image and suggests the optimal editing preset to apply.

**Subject-Highlighting AI** (Level: Advanced)

Implement an AI module that automatically detects and emphasizes primary subjects within an image.

**Remaining challenges :**

**Scalability & Performance**

Ensuring AI-powered features (duplicate detection, preset recommendations, subject highlighting) run accurately and responsively, even on large libraries.

**Conflict Resolution & Version Control**

Handling simultaneous edits in real-time collaboration: merging changes, preventing overwrite, and maintaining history.

**Security & Privacy Compliance**

Safeguarding user assets, encrypting data at rest/in transit, and meeting GDPR (and other regional) requirements.

**Offline & Sync**

Enabling users to work offline on mobile or desktop, then synchronizing changes when back online.

**Testing & QA Automation**

Building comprehensive test suites—including unit, integration, and end-to-end tests—to validate both standard and AI-driven features.

**Analytics & Feedback Loop**Instrumenting usage metrics for each feature