

# High-Level Project Vision Document: GM Scan

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## 1. Vision

To empower users with a seamless and efficient way to scan, manage, and organize various types of documents and information.

## 2. Business Goals

- Enhance operational efficiency for users by digitizing and organizing information.
- Improve data accessibility and retrieval.
- Streamline document management workflows.
- Provide a user-friendly and intuitive platform.

## 3. Scope

### In Scope:

- ID Scan functionality.
- Book Scan functionality.
- Business Scan functionality.
- Document Scan functionality.
- User Account Creation.
- Add to Favorites feature.
- Sorting Documents feature.
- Editing Documents feature.
- Deleting Documents feature.

### Out of Scope:

- Advanced OCR capabilities beyond basic text extraction.
- Cloud storage integration (unless specified later).
- Collaboration features.
- Version control for documents (beyond basic editing).

## 4. Stakeholders

- End-Users (individuals using the scanning features).
- Product Managers.
- Development Team.
- Quality Assurance Team.
- Business Analysts.
- IT Operations.
- Compliance Officers.

## 5. Features

### Core Scanning Functions:

- **ID Scan:** Capture and digitize identification documents (e.g., driver's licenses, passports).
- **Book Scan:** Digitize pages of books for easier reading and referencing.
- **Business Scan:** Capture business-related documents (e.g., invoices, receipts, business cards).
- **Document Scan:** General purpose scanning for any type of document.

### User Management & Organization:

- **Account Creation:** Secure user registration and profile management.
- **Add to Favorites:** Mark frequently accessed documents for quick retrieval.
- **Sorting Documents:** Organize scanned documents by various criteria (e.g., date, type, name).
- **Editing Documents:** Ability to make minor edits to scanned documents (e.g., text correction if OCR is involved, metadata updates).
- **Deleting Documents:** Remove unwanted scanned documents.

## 6. Risks

- **Data Security & Privacy:** Ensuring sensitive information captured by scans is protected (e.g., PII in IDs). Compliance with regulations like GDPR, HIPAA if applicable.
- **Scan Quality & Accuracy:** Maintaining high quality of scans across different document types and conditions. OCR accuracy for editable content.
- **User Adoption:** Ensuring the application is intuitive and meets user needs effectively.
- **Integration Challenges:** Potential issues integrating with existing enterprise systems if required.
- **Scalability:** Ensuring the system can handle a growing volume of scans and users.

## 7. Success Metrics

- Scan accuracy rate (e.g., >95% for key fields).
- User satisfaction score (e.g., >4.0/5.0).
- Average document processing time (e.g., <5 seconds per scan).
- Feature adoption rate (e.g., >70% of users utilize favorites/sorting).
- Reduction in manual data entry time for users.

## 8. Roadmap (High-Level)

- **Phase 1 (MVP):** Core scanning functionalities (ID, Document), User Account Creation, basic sorting, and deleting.
- **Phase 2:** Book Scan, Business Scan, Add to Favorites, enhanced sorting, and editing capabilities.
- **Phase 3:** Advanced features, potential integrations, performance optimizations.

## 9. Open Questions

- What specific types of "business documents" are prioritized for the "business scan" function?
- What are the expected data formats for scanned documents (e.g., PDF, JPG, PNG)?
- Are there specific regulatory compliance requirements (e.g., HIPAA, GDPR) that need to be explicitly addressed in the design, especially concerning ID and sensitive business documents?
- What level of "editing" is expected for scanned documents? (e.g., text editing via OCR, metadata editing, image adjustments).
- Is there a requirement for offline scanning capabilities?
- What are the target platforms for this application (e.g., Web, iOS, Android)?