

# **Finease Project Requirement Document**

## **IT Requirements and Implementation Strategy for Finease (POC)**

### **Overview**

Finease is a comprehensive platform that simplifies business operations, including data entry, reconciliation, and regulatory compliance for ITR, GST, PF, and ESI filings. It

leverages WhatsApp and a custom app chatbot for user interaction and includes functionality for generating E-Waybills, delivery challans, and financial reports.

## **Key Features and Functional Requirements**

### ***1. User Interaction Platform***

- **WhatsApp Integration:**
  - Collect user inputs such as invoices, purchase records, and payment details.
  - Allow users to upload documents like Form 16 and request filings.
  - Send notifications about filing statuses, generated E-Waybills, and challans.
- **Custom App Chatbot:**
  - Enable structured data entry for:
    - GST, ITR, PF, and ESI filings.
    - E-Waybill and delivery challan generation.
  - Perform data validation and provide error feedback.

### ***2. Data Management and Storage***

- Maintain structured storage for:
  - Operational data: Sales invoices, purchases, payments, and salaries.
  - Compliance data: GST returns, PF and ESI filings, and ITR submissions.
  - Metadata for uploaded documents like Form 16 and challans.
- Facilitate efficient data retrieval and linkage for reporting.

### ***3. Core Functional Modules***

#### **A. E-Waybill Management**

1. **Data Collection:**
  - a. Collect details such as GSTIN, consignee/consignor information, goods descriptions, and vehicle numbers.
2. **Integration:**
  - a. Automate E-Waybill generation using the GST E-Waybill API.
  - b. Provide downloadable and shareable PDF documents.
3. **Validation:**
  - a. Verify GSTIN, HSN codes, and mandatory fields.

## B. Delivery Challan Management

### 1. Challan Creation:

- a. Generate challans for various scenarios, including goods transportation, returns, or samples.
- b. Include shipment details, quantities, and invoice references.

### 2. Storage and Retrieval:

- a. Store challan records for reconciliation and reporting purposes.

## C. Regulatory Filings

### 1. Income Tax Return (ITR) Filing:

- a. Extract data from Form 16 to pre-fill ITR forms.
- b. Submit data to the IT portal via APIs or simulate the submission process during the POC phase.

### 2. GST Filing:

- a. Automate filings such as GSTR-1 and GSTR-3B through the GSTN API.
- b. Notify users of tax liabilities and deadlines.

### 3. PF Filing:

- a. Prepare and upload ECR files for the EPFO portal.
- b. Automate submissions or enable manual uploads.

### 4. ESI Filing:

- a. Generate contribution files for ESIC submissions.
- b. Facilitate automated or manual uploads.

## D. Reconciliation and Missing Data Notifications

- Compare sales, purchases, and payments with recorded invoices.
- Identify and prompt users to address missing or mismatched data.

## E. Reporting and Analytics

- Create summaries for GST filings, ITR submissions, and salary contributions.
- Export reports in PDF or Excel formats for offline use.

## Implementation Strategy

### *Phase 1: Planning and Core Setup (Weeks 1–4)*

- Define workflows, data models, and user stories.

- Establish the database to store business and compliance data.
- Initiate WhatsApp chatbot integration for simple data entry.
- Develop prototypes for the app chatbot interface.

### ***Phase 2: Core Feature Development (Weeks 5–8)***

- Extend WhatsApp chatbot functionality for:
  - Document uploads and guided input processes.
  - Notifications for pending actions and updates.
- Build backend logic for:
  - Data reconciliation and reporting.
  - GST, PF, and ESI data preparation.
- Integrate the GST E-Waybill API for automated generation.

### ***Phase 3: Finalization and Testing (Weeks 9–12)***

- Implement complete E-Waybill and delivery challan modules with PDF support.
- Perform end-to-end testing for chatbot and backend workflows.
- Deploy the POC to staging and gather user feedback for refinements.

## **Team Structure and Responsibilities**

### ***Team 1: Backend and API Development***

- **Focus:** Core logic, database architecture, and API integrations.
- **Tasks:**
  - Build APIs for WhatsApp and app chatbots.
  - Implement GST, PF, ESI, and ITR integrations.
  - Develop reconciliation and reporting mechanisms.

### ***Team 2: Frontend and Chatbot Development***

- **Focus:** User interaction design for WhatsApp and app chatbots.
- **Tasks:**
  - Design chatbot conversations and structured data forms.
  - Enable file upload functionality and PDF generation for challans.
  - Develop notification systems and user guidance features.

## Milestone Plan

| Month   | Milestone   |
|---------|---|
| Month 1 | Define requirements, set up the database, and create chatbot prototypes.  |
| Month 2 | Develop core features: reconciliation, reporting, and E-Waybill API.      |
| Month 3 | Finalize modules for E-Waybill and challan creation, testing, and deploy. |

## Regulatory Filing Locations

### *1. Income Tax Return (ITR) Filing*

- Integrate with IT portal APIs or allow manual data uploads.

### *2. GST Filing*

- Automate filings using GSTN APIs for GSTR-1, GSTR-3B, and others.

### *3. PF Filing*

- Generate ECR files for manual or automated uploads to the EPFO portal.

### *4. ESI Filing*

- Prepare contribution files for automated or manual uploads via the ESIC portal.

## Fallback for POC Stage

If API integration is not feasible during the POC phase:

- Provide submission-ready files (e.g., JSON, XML, ECR) for manual uploads.
- Prioritize building robust data preparation workflows for compliance purposes.