

Trackify

Digitize Receipts. Track Income & Expenses. Stay in Control.

Presented by Jarvis Squad



The Messy Reality of Personal Finance



Lost Receipts

Paper receipts are easily lost, damaged, or forgotten, making accurate expense tracking nearly impossible.



Fragmented Data

Combining offline payments, online transactions, and manual expenses into one cohesive system is a major challenge.



Lack of Oversight

Users struggle to gain a clear, real-time understanding of where their money is truly going.

The current financial tracking landscape is riddled with inefficiencies, leading to stress and uncertainty.

Introducing Trackify: Your Smart Finance Companion

Trackify is an intelligent web application designed to simplify personal finance management, offering a seamless way to track every dollar.

Income Integration

Effortlessly add income from diverse sources, maintaining a holistic view of your finances.

Smart Receipt Processing

Upload receipts or screenshots, and our OCR technology extracts amount, date, and description automatically.

Automated Categorization

Leverage keyword rules to automatically categorize expenses, such as "Supermarket" becoming "Groceries."

Manual Entry & Real-time Balance

Manually add expenses when needed, with your balance updating instantly after each transaction.

Trackify in Action: A Seamless Workflow



1. Add Income

Easily input all your earnings, from salary to freelance gigs, to establish your financial baseline.



2. Upload & Scan

Capture receipts or screenshots. Our powerful OCR engine instantly extracts critical details: amount, date, and merchant.



3. Categorize

Trackify intelligently assigns categories like "Dining" or "Transport" using customizable keyword rules, saving you time.



4. Track & Visualize

Expenses are automatically deducted, providing a real-time, dynamic overview of your spending on an intuitive dashboard.

Experience the simplicity of digital finance management with Trackify's intuitive four-step process.

Robust Technology: The Trackify Engine

Backend & Framework

- [Django 5.x](#): Powering the robust backend and dynamic templates.

Core Processing

- [Tesseract OCR](#): Our reliable engine for accurate text extraction from receipts.

Frontend & UI

- [HTML, CSS, Bootstrap](#): Ensuring a responsive and user-friendly interface.

Data Management

- [SQLite](#): Flexible database solution, easily scalable to PostgreSQL for larger needs.

Key Libraries

- [Pillow](#): For efficient image handling and processing.
- [pytesseract](#): Python wrapper for seamless OCR integration.
- [Regex](#): For precise data extraction and pattern matching.

Trackify is built on a modern, scalable tech stack, ensuring reliability and performance.

Key Features of Trackify



Comprehensive Financial Management

Seamlessly track both income and expenses in one centralized platform.



OCR-Powered Receipt Scanning

Effortlessly digitize paper receipts with intelligent data extraction.



Smart Expense Categorization

Automated, keyword-based categorization simplifies financial organization.



Flexible Expense Entry

Supports offline, online, and manual expense inputs for complete coverage.



Instant Balance Updates

Your financial overview updates in real-time with every new transaction.



Insightful Reports & Summaries

Gain clear insights into spending habits with visual reports and summaries.

Trackify Demo Flow: From Receipt to Insight

01

User Uploads Receipt

A user simply snaps a photo of a receipt or uploads a digital copy to Trackify.

02

OCR Extracts Details

Trackify's integrated OCR engine rapidly scans the image, extracting the amount, date, and merchant details.

03

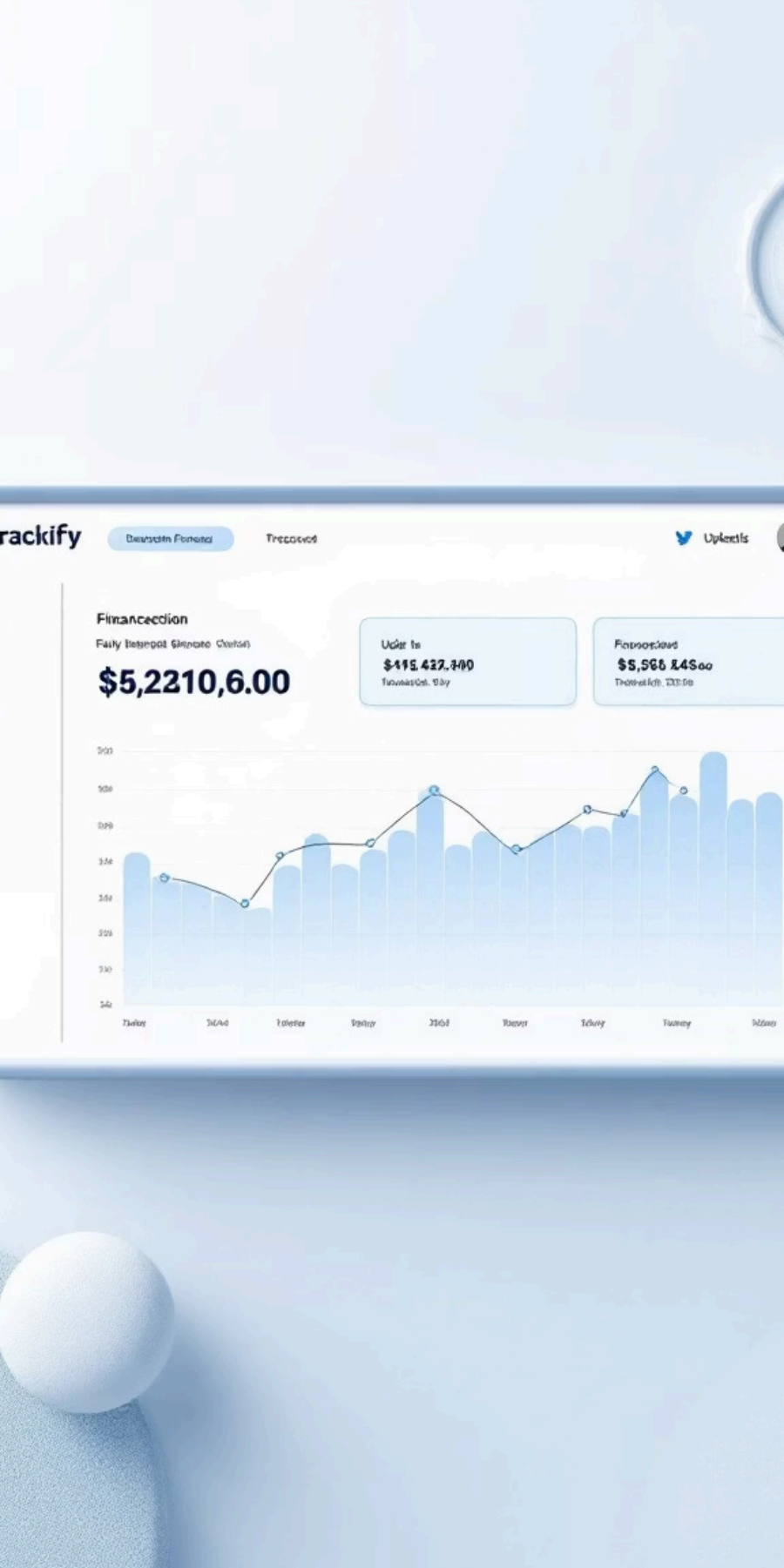
Expense Created & Stored

The extracted data is used to create a new expense entry, which is then securely added to the user's database.

04

Dashboard Updates in Real-time

The user's financial dashboard instantly reflects the new transaction, showing updated balance and categorized spending.



Impact & Future Vision for Trackify

Impact

- Makes expense tracking **simple and paperless**, eliminating manual data entry.
- Saves users valuable **time and effort** in managing their finances.
- Provides a versatile solution for **students, professionals, and households**.

Future Scope

- Implement **CSV/PDF export** for comprehensive reporting.
- Introduce **multi-currency conversion** support for global users.
- Develop advanced **graphs and analytics** for deeper financial insights.
- Build a dedicated **mobile application** for on-the-go tracking.

Thank You for Your Time!

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