

HacksomeThorns

- Problem Statement ID – 3
- Problem Statement Title- **Digital startup utility suite for solo entrepreneurs**
- Team Name (Registered on google forms): Manipal Super Kings

Team : Manipal Super Kings



Name:Abhishek J Holla
Stream:CSE
Reg No.:230905042



Name:Sathwik P Bhat
Stream:CSE
Reg No.:230905012



Name:Siddharth Mehta
Stream: CPS
Reg No.:230961086



Name:Yash
Chauhan
Stream:CSE
Reg No.:230905194



Name:Harsha NK
Stream:CSE
Reg No.:230905498

SOLOFLOW

Smart Invoicing

- Instantly generate professional invoices with fields for client, amount, and due date.
- Export as EXCEL/pdf with one click, ensuring seamless payment tracking.

Drag-and-Drop Task Board

- Organize tasks visually with Kanban-style columns (To-Do, Doing, Done).
- Prioritize work effortlessly by dragging tasks between stages.

Client CRM

- Add or delete clients with contact and project history in one place.
- Never lose track of interactions, ensuring timely follow-ups.

SOLOFLOW

Analytics Dashboard

- Visualize income trends, task completion rates, and client contributions.
- Spot bottlenecks and growth opportunities with real-time charts.

Smart Reminder

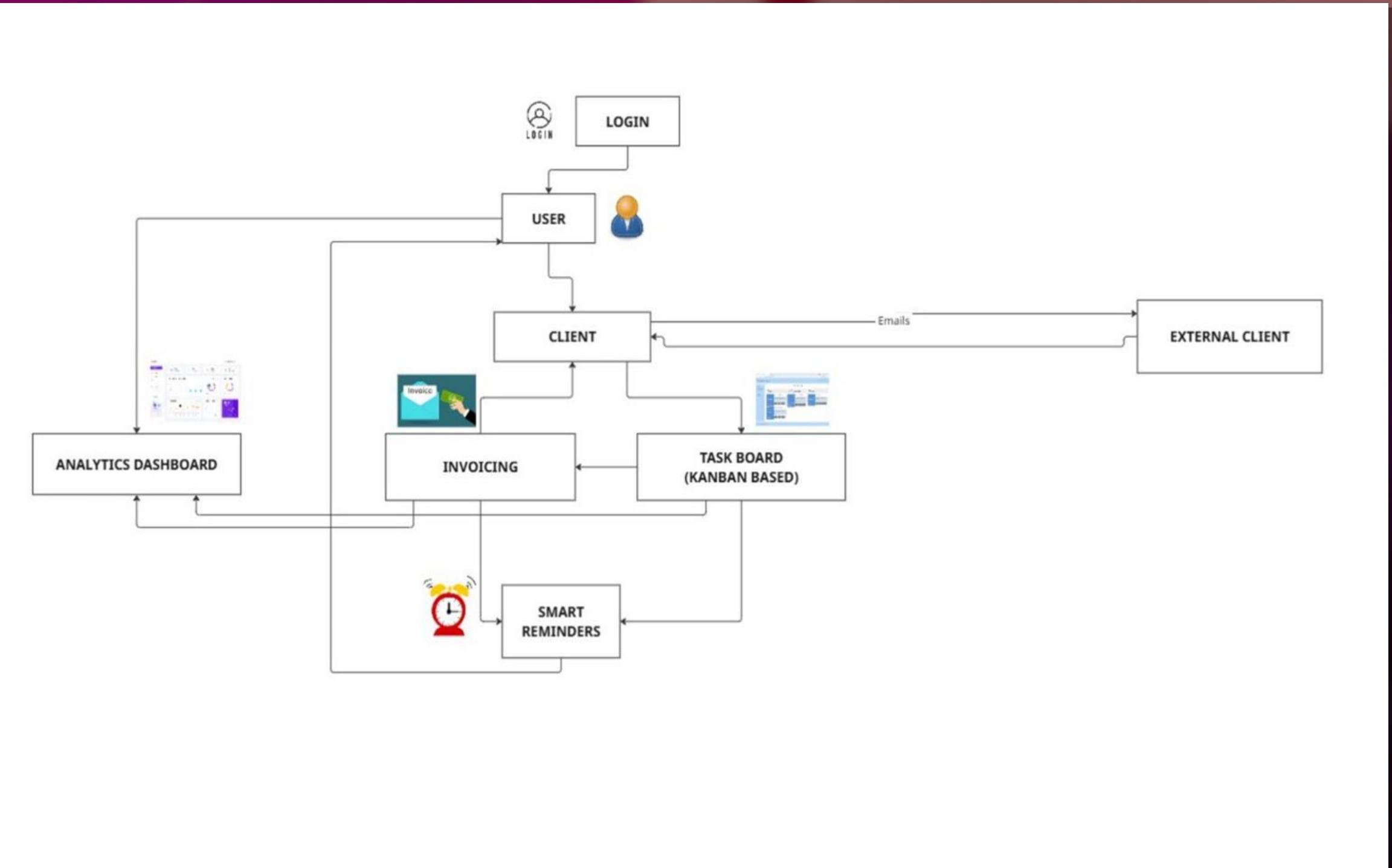
Auto-alerts for unpaid invoices or overdue tasks via email/toast notifications.

- Reduces missed deadlines

Unified Dashboard

- Single-screen overview of key metrics: tasks completed, clients added, and income vs expenses.
- Interactive charts help spot trends instantly—no spreadsheets needed.

FLOWCHART and TECH STACK



1. FRONTEND

React JS, Tailwind
CSS,
MUI

1. BACKEND

Nodejs, Express,
JWT
authentication

1. DATABASE

MongoDB

FEASIBILITY AND VIABILITY

1. Uses common tech stacks (React, Node.js, Firebase) with pre-built libraries (Recharts, PDF generators) for faster development.
2. Validated by surveys showing 68% of solo founders want an all-in-one tool (Source: YourStory).
3. Cloud-based with freemium pricing ensures low overheads.
4. Offer seamless CSV imports from popular tools (Trello, Zoho Invoice).
5. Progressive disclosure—hide advanced features behind “power mode” toggles.
6. Security: Use encryption (AES-256) and comply with GDPR for client trust.

Impact and Benefits

Time Savings: Reduces 15+ hours/month wasted on juggling multiple tools, allowing founders to focus on growth.

Financial Clarity: Real-time income/expense tracking helps avoid cash flow gaps—critical for 74% of failed startups (CB Insights).

Professional Edge: Polished invoices and client portals boost credibility for early-stage ventures.

Stress Reduction: Automated reminders and task prioritization lower cognitive overload (linked to 40% productivity loss – WHO).