

# Hack some Thorns



- 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



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# 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.

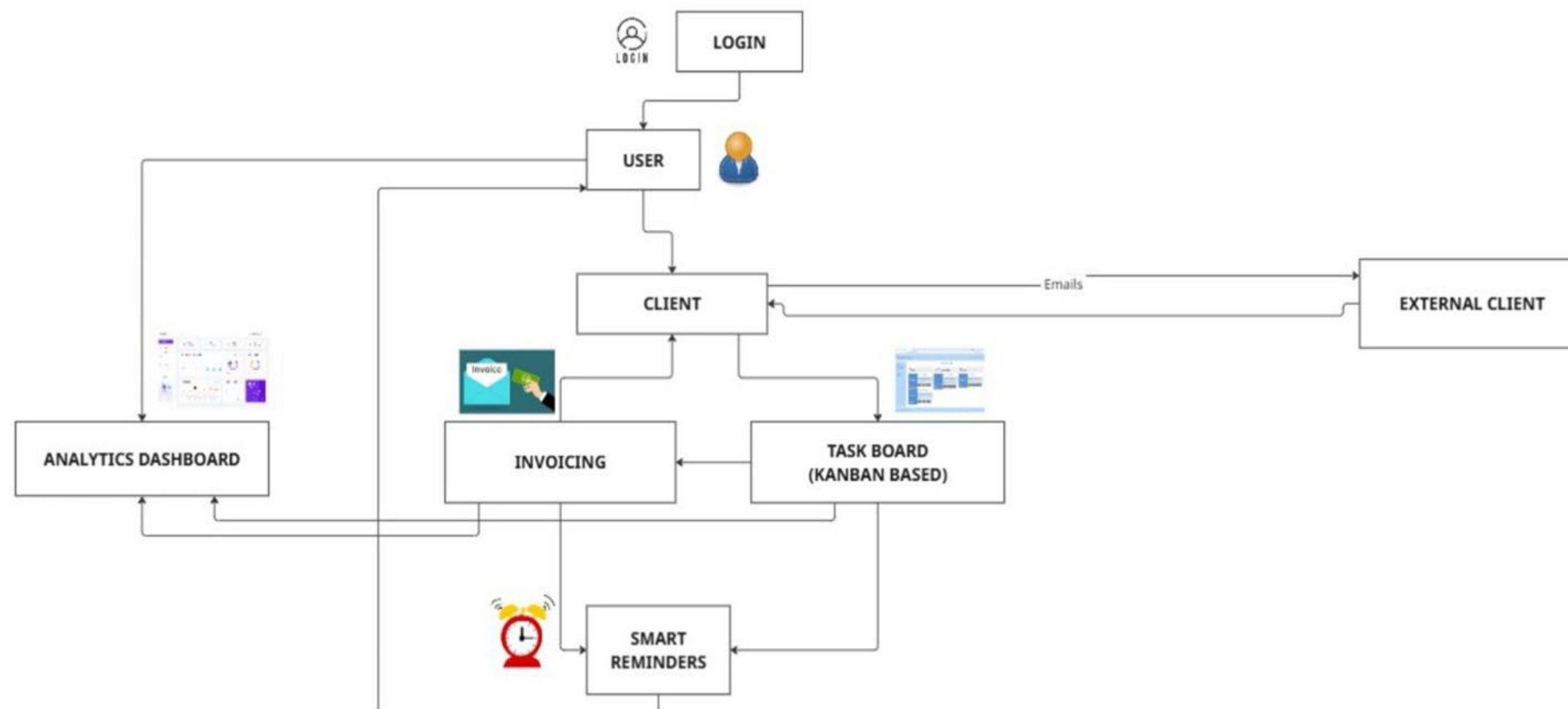
- Reduces missed deadlines

## 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).