

# DAY 1 TASKS

## APP IDEA: TEAM FINOVA

The Smart Expense Planner is an AI-powered business expense tracker tool where companies input their budget details, planned purchases, and financial goals. Running in the background, the AI analyzes spending patterns, assesses risks, and generates optimized, personalized financial plans. It helps businesses allocate their budgets more efficiently, avoid overspending, and forecast future cash flow challenges. Using Power Apps for input, Power Automate for workflows, AI Builder for intelligent analysis, and Power BI for visual dashboards, the solution empowers smarter, data-driven financial decision-making.

### Smart Expense Planner – Concept Overview

#### Core Functionality

##### 1. Input Layer (Power Apps)

- Businesses enter:
  - Monthly/quarterly **budget**
  - List of **planned purchases** or expense categories (e.g., equipment, marketing)
  - Business type/industry
  - Revenue targets or constraints
- Upload relevant documents (e.g., quotes, past financials)

##### 2. AI Analysis Engine (AI Builder or Azure ML via Power Automate)

- **Risk Assessment:** Identify potential budget overruns, underperformance, or red flags.
- **Expense Optimization:** Recommend how to allocate the budget more effectively based on business goals and past success patterns.
- **Vendor Suggestions:** Suggest cost-effective alternatives for procurement.
- **Cash Flow Forecasting:** Predict upcoming financial bottlenecks.

##### 3. Output Layer (Power BI + Power Apps)

- Personalized budget plan with:
  - Suggested category-wise allocations
  - Risks and recommendations
  - Month-by-month spending forecast
- Interactive dashboards to tweak assumptions and re-run scenarios

##### 4. Automation Layer (Power Automate)

- Alerts when spending nears thresholds
- Weekly summaries and smart reminders
- Auto-generate reports for board meetings

### Real-World Use Case

A small business wants to spend AED 50,000 this quarter. Your app can:

- Flag that planned ad spend is disproportionately high
- Suggest shifting funds toward a neglected but high-ROI category
- Predict that cash flow may dip in month 3 if certain vendors aren't negotiated down