

# Project Timeline & Pricing Plan

## Project: Modular Data Collection & Marketing Automation System

Modules: Scraping → Storage → Dashboard → Email → Automation

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### 1. Timeline (4 - 5 Weeks Total)

#### ● Phase 1 — System Architecture & Setup

Duration: 3-4 days

Deliverables:

- Final system architecture (Scrapers → DB → Dashboard → n8n → Email)
  - Database schema design
  - Environment setup & DevOps configuration
  - API keys & access preparation
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#### ● Phase 2 — Data Collection Layer (Scraping + APIs)

Duration: 12-15 days

Deliverables:

- Apify integration (actor triggers, input schema, result processing)
  - Apollo integration (filtering: industry, location, size, titles)
  - Script switching + run logging
  - Dashboard control for Start/Stop scripts
  - Duplicate prevention logic
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#### ● Phase 3 — Database & Data Management

Duration: 3-4 days

Deliverables:

- All main tables: Companies, Contacts, Industries, Runs, Sources, Campaigns
  - Data cleaning & normalization
  - Import/Export (CSV/XLSX)
  - Search + filters backend ready
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## ● Phase 4 — Dashboard (Modular UI System)

**Duration:** 1 weeks

**Stack:** React or Next.js

**Deliverables:**

- Dynamic dashboard + reusable modules
  - Pages: Data view, Scripts Manager, Campaign Manager, Analytics
  - Real-time logs viewer
  - User roles (Admin/Editor/Viewer)
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## ● Phase 5 — Email Campaign Module

**Duration:** 2 days

**Deliverables:**

- API integration
  - Template builder
  - Segmentation filters
  - Daily sending limit controls
  - Open/Click/Bounce tracking
  - Scheduling system
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## ● Phase 6 — Automation Engine

**Duration:** 3-4 days

**Deliverables:**

- workflows for Scraping → Storage → Email
  - Workflow execution from dashboard
  - Webhooks & logs
  - Retry logic for failed jobs
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## ● Phase 7 — Testing, Optimization & Deployment

**Duration:** 3-4 days

**Deliverables:**

- Performance testing
  - Security (HTTPS, encryption, rate limiting)
  - Deployment on server (Client-hosted or new hosting)
  - Final documentation + training session
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## 2. Total Development Timeline

🕒 **Total: 4 Weeks**

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## 3. Pricing Plan

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### ★ Full System

**Price: \$600**

Includes:

- ✓ Scraping automation (Apify + Apollo)
  - ✓ Database
  - ✓ Dashboard (Modular UI)
  - ✓ Email campaigns
  - ✓ Automation workflows
  - ✓ User roles + security
  - ✓ Deployment + documentation
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### ★ Maintenance Plan (Optional)

**\$50/ Month**

Includes:

- Fixing errors
  - Monitoring workflows
  - Performance tuning
  - 5–10 hours of development per month
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## 5. Notes for the Client

- النظام قابل للتوسع لأي مصادر بيانات إضافية.
- كل Module منفصل 100% — أي جزء ممكن يتغير بدون تأثير على النظام.
- السعر يشمل اختبارات الأداء + الأمان + التدريب.