

AI-Powered Product Brochure Assistant

Project Report

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Executive Summary

In today's competitive marketplace, sales teams must respond quickly to customer requests for product information. Traditional methods of sharing brochures and catalogs involve manual searching, emailing, or navigating large document repositories. The AI-Powered Product Brochure Assistant solves this problem by leveraging Generative AI (Google Gemini) and workflow automation (n8n) to deliver product brochures instantly via Telegram.

Problem Statement

Sales and marketing teams face challenges such as delayed responses, scattered data, outdated information, and reduced productivity. These issues create friction in the customer journey and impact conversions.

Objective

The objective of this project is to develop an AI-powered assistant that:

1. Takes product queries via Telegram.
2. Uses Google Gemini to understand the request.
3. Retrieves relevant product details and brochure links from Google Sheets.
4. Sends structured responses instantly.

Methodology

Tools used include n8n, Google Gemini, Google Sheets API, and Telegram Bot API.

Approach:

1. Telegram Trigger – captures request.
2. AI Agents – interprets.
3. Google Sheets Lookup – fetches details.
4. Telegram Reply – sends formatted response.

Implementation Example

User: Send me details of Mocean 4000

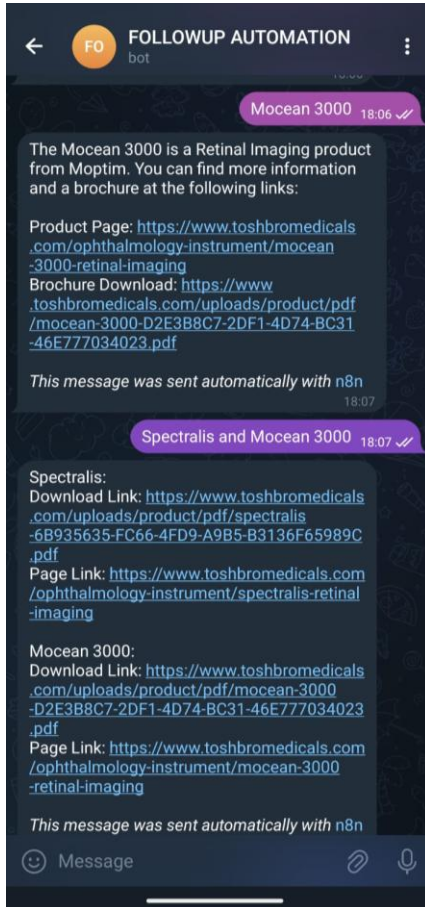
Bot: Mocean 4000 is a product from Moptim, specializing in Retinal Imaging. Download

Brochure: [link]

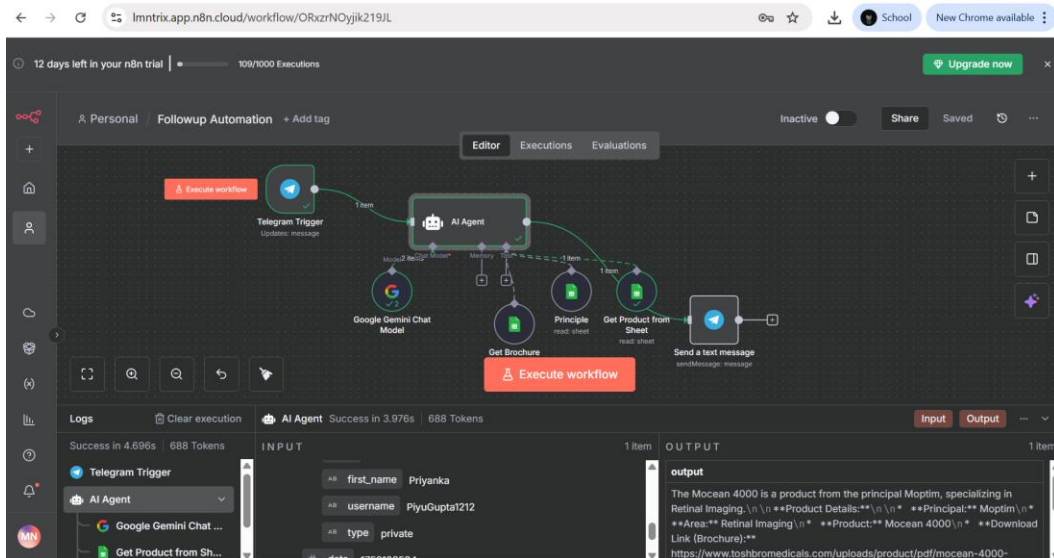
Results & Key Benefits

The system enables instant responses, mobile-first access, improved accuracy, productivity gains, and better customer experience.

Workflow Screenshot 1: Telegram Query



Workflow Screenshot 2: Product Brochure Assistant



Conclusion

This project demonstrates how AI-driven workflow automation can significantly improve sales efficiency and customer satisfaction, while reducing delays and ensuring accuracy.

Future Scope

1. Analytics on most requested products.
2. Multi-language support.
3. CRM integration.
4. Voice-enabled queries.
5. Expansion to WhatsApp, Slack, Teams.