

BANSAL

Institute of Engineering & Technology ,Lucknow

Affiliated to AKTU Lucknow,Approved by AICTE ,Ministry of HRD ,New Delhi

Project Proposal Presentation

Multi Agent System For Project Management

Under the guidance of:

Mr. Jitendra Mishra

By:

Suraj Singh (2204221520048) - Backend Development

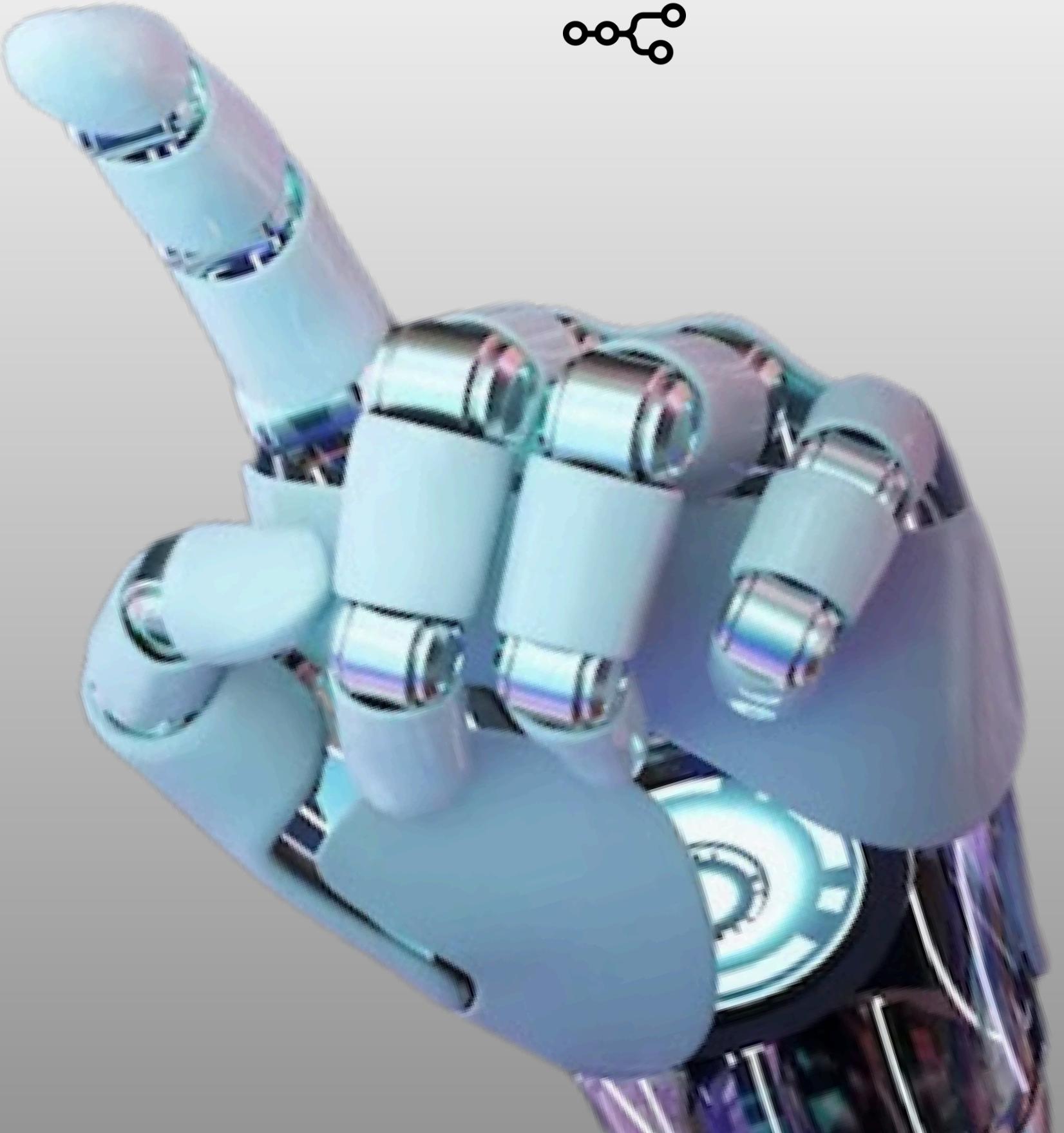
Upvan Tripathi (2204221520051) - Database & Platform mgmt.

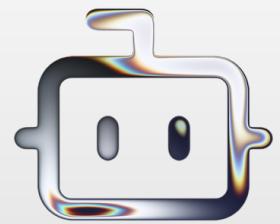
Priyanshu (2204221520029) - Frontend Development



Problem Statement

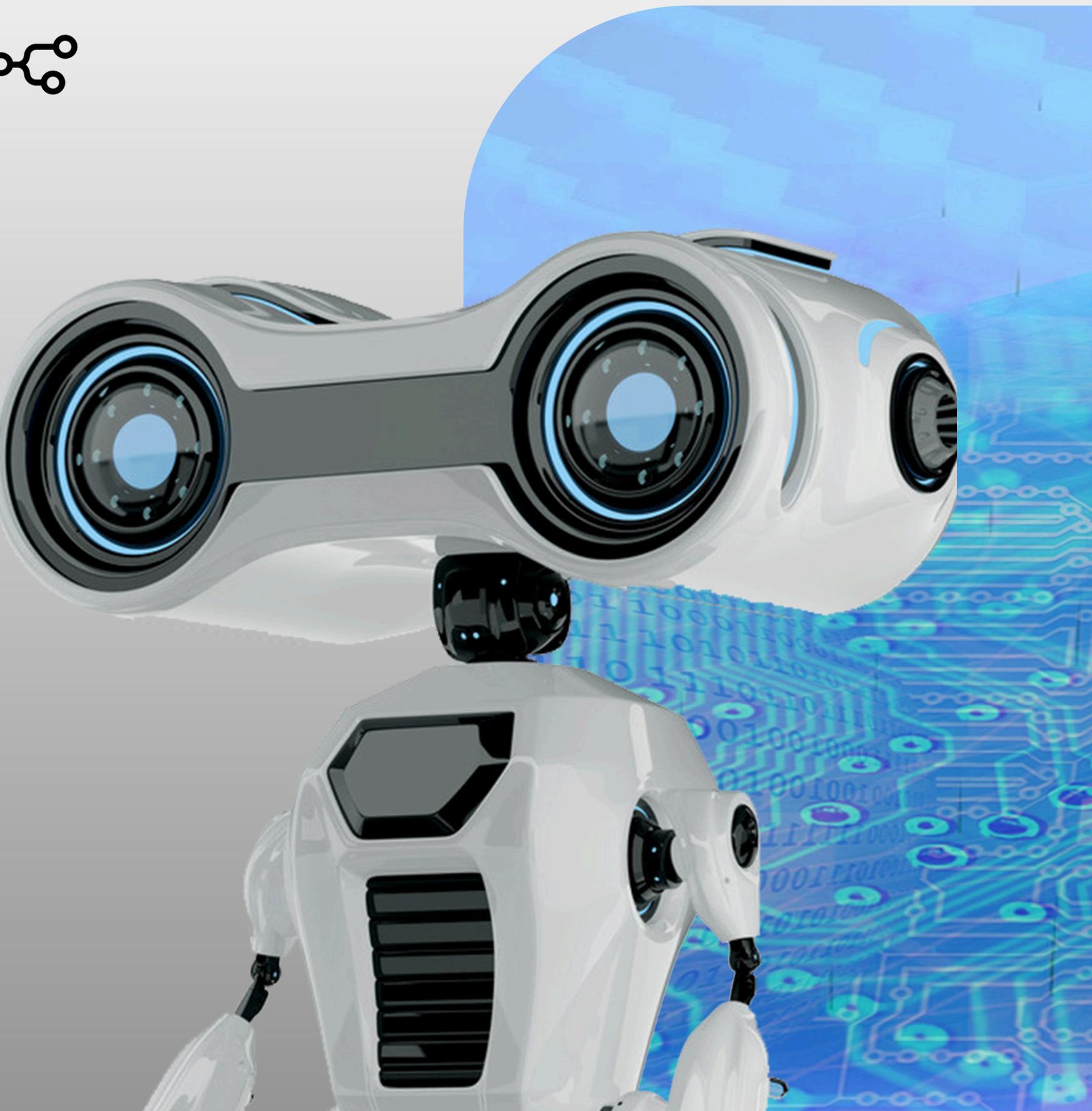
- Hard to track employee performance across projects.
 - Data is scattered and lacks real-time insights.
 - Managers face delays in monitoring progress.
 - Need for an intelligent, interactive, automated system.
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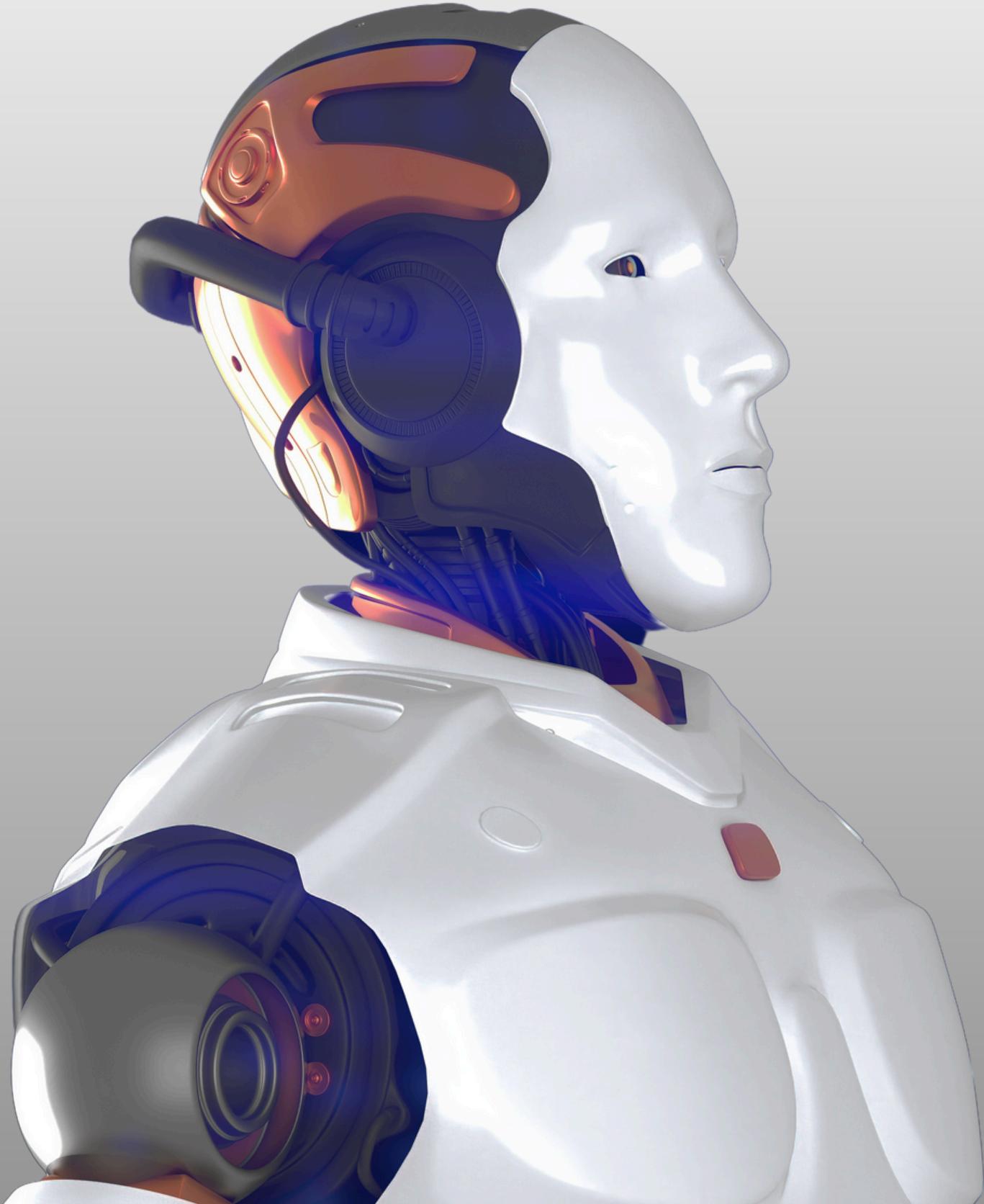
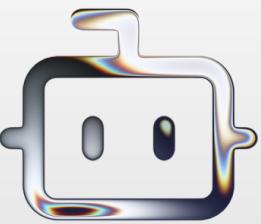




Purpose

- To build an AI-powered multi-agent system for project & performance tracking.
 - Provide real-time insights through dashboards.
 - Enable database communication via AI chatbot.
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Objectives & Scope

Objectives:

- Automate performance tracking.
- Integrate AI chatbot for database interaction.
- Provide analytics dashboard for management.

Scope:

- Usable in any organization.
 - Real-time project updates & employee metrics.
 - Scalable for future HR or predictive analytics integration.
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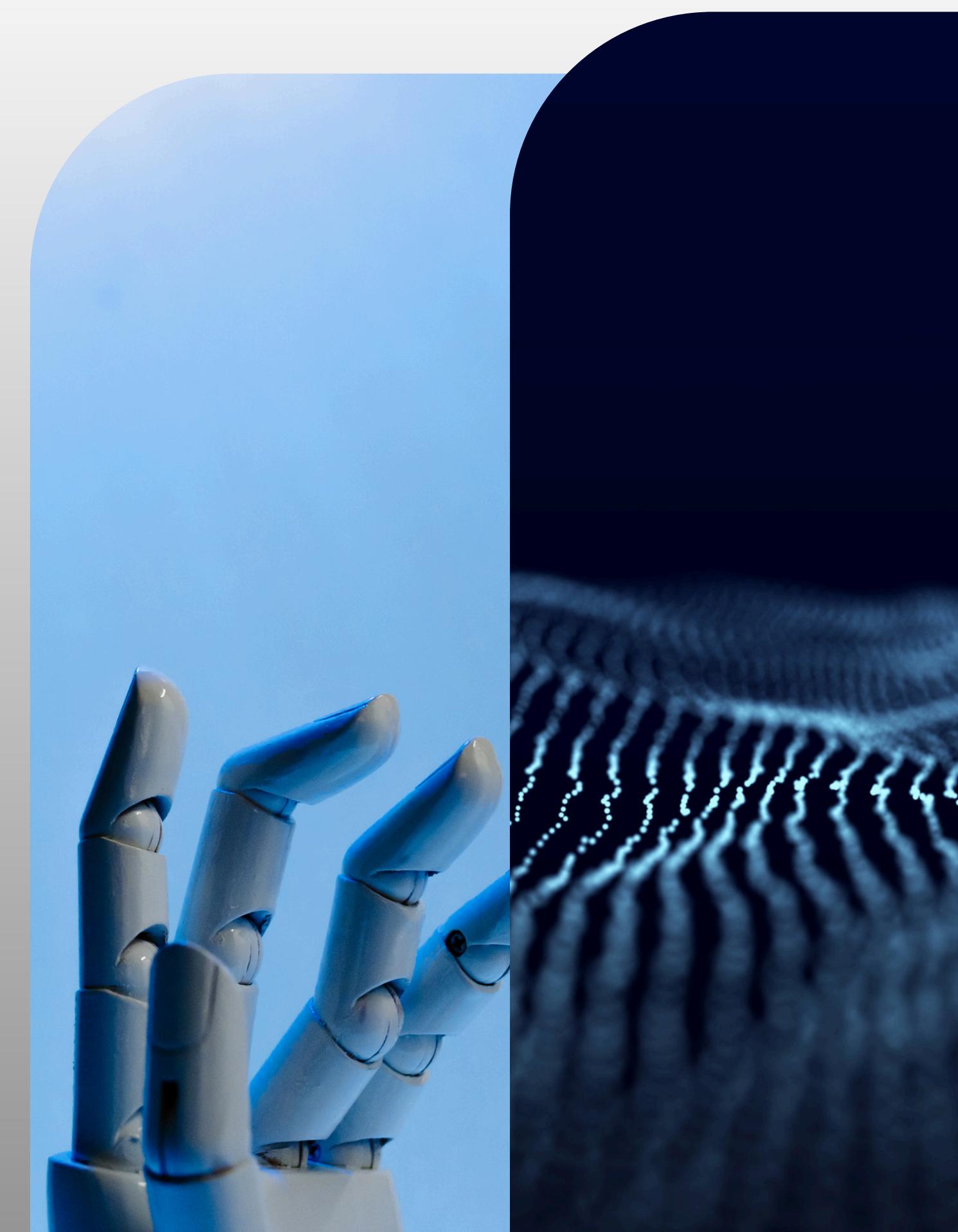
Feasibility Study

Technical: Uses API, cloud, Webhook, Google Sheets, React.

Economic: Low-cost, open-source implementation.

Operational: Easy to use & integrate.

Schedule: Feasible within 3–6 months.





Methodology

- Phase 1: Requirement Analysis
- Phase 2: System Design
- Phase 3: Implementation (Agents, Chatbot, Dashboard)
- Phase 4: Testing & Deployment
- Phase 5: Maintenance & Feedback



real-time
Dashboard

Automates
responses

Chatbot

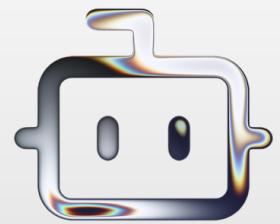
Requirement Analysis

Functional:

- Role-based login
- Chatbot interface
- Performance dashboard
- Notifications through E-mail & reports

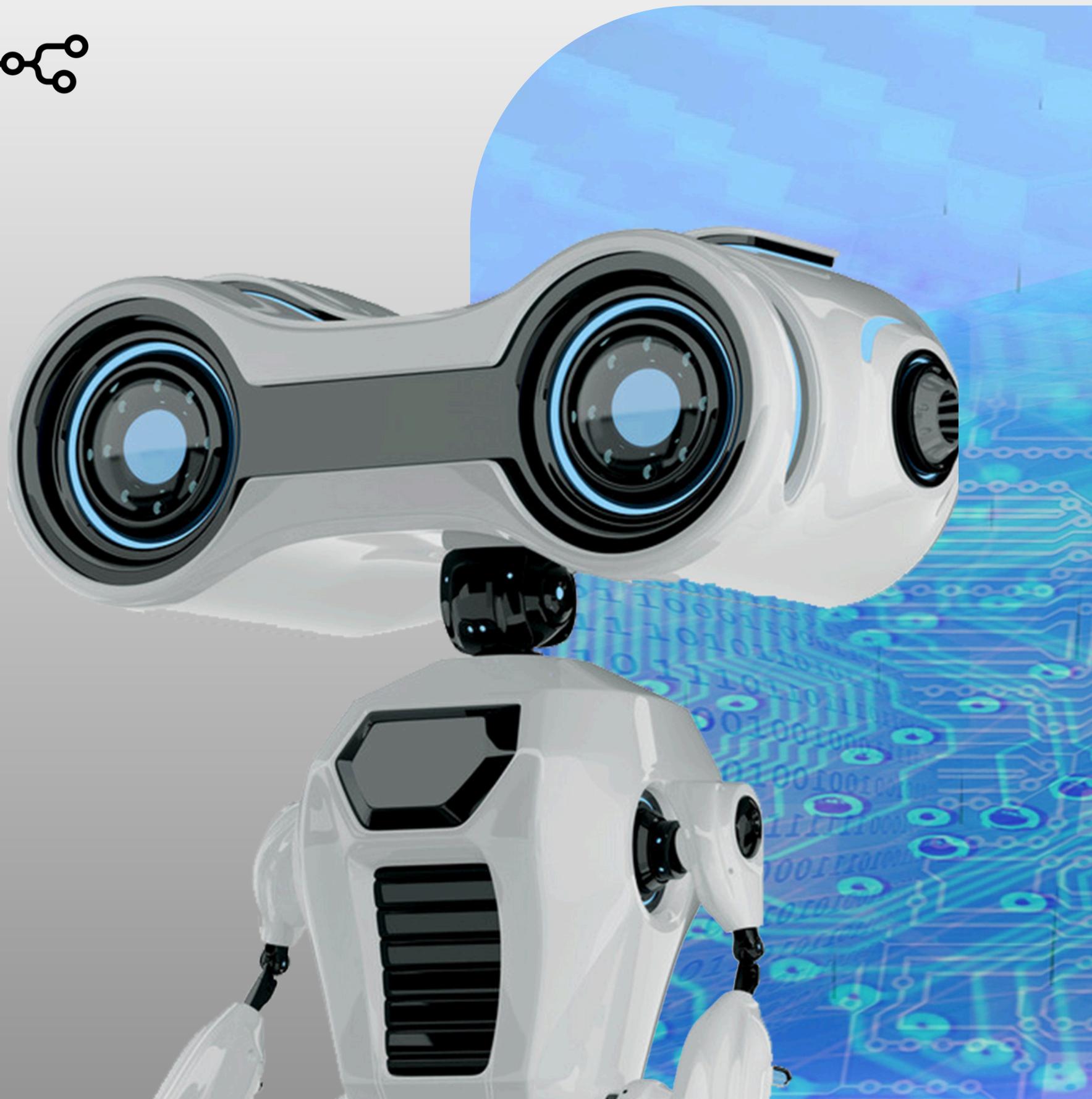
Non-Functional:

- Secure, reliable, responsive
 - Real-time updates
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Industry Impact

- Boosts efficiency & productivity.
 - Reduces manual tracking efforts.
 - Enhances communication through AI chatbot.
 - Provides data-driven decision support.
 - Scalable for enterprise integration.
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Conclusion

- Multi-agent system automates and simplifies project tracking.
- AI chatbot enhances interaction with data.
- Dashboard delivers actionable insights for better management.

The image displays a multi-functional interface. At the top, a dark header bar contains four cards with metrics: 'Total Clients' (14), 'Total Headshots' (55), 'Total Revenue' (₹242537.00), and 'Average Price' (₹17324.07). Below this is a bar chart titled 'Revenue by Client' showing revenue for several clients. To the right is a pie chart titled 'Status Distribution' with a legend indicating 57% 'In pro...'. Two AI chatbot interactions are shown in boxes: one where the bot responds to 'hello' and another where it lists client names.

Revenue by Client

Client	Revenue
Suraj Singh	\$5415.00
priyanshu	\$6522.00
Vansaj	\$5122.00
Anukalp	\$6215.00
Vaibhav	\$5415.00
priyanshu	\$5415.00

Status Distribution

Status	Percentage
In pro...	57%
Completed	22%
Pending	21%

Client Records

Client	Headshots	Price
Suraj Singh	5	\$5415.00
upvan tripathi	3	\$5122.00
priyanshu	5	\$6522.00

Chatbot 1

hello
11:30:07 PM

Hello! How can I help you today?
11:30:10 PM

Chatbot 2

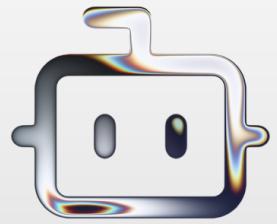
hello
11:21:11 PM

Hello! How can I help you today?
11:21:14 PM

Give me the List of Client.
11:21:58 PM

The list of clients is: Suraj Singh, Raja Jai Singh, Aryan Singh, Tiwari Ji, Pandey Ji, Shukla Ji, pathak ji, priyanshu, ajaz, punit, upvan tripathi, vidhik, shubham, Sunil

Type a message...



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Thank You