Thun.ai Culture OS - Use Case Diagram

Thun.ai Culture OS - Enhanced Use Case Diagram

Microsoft Teams

Team Member

Admin

HR Manager

Thun.ai Culture OS Platform

- Chat with Thun.ai Bot
- Share Team Celebrations
- Process Natural Language Input
- Store & Manage Moments
- Display Culture Dashboard
- Receive AI-Powered Responses
- Auto-Detect Special Moments
- Normalize Celebration Information
- Manage User Profiles
- Send Celebration Notifications
- Participate in Team Greetings
- Provide Intelligent Fallback Responses
- Store Conversation History
- Collect & Display Team Greetings
- View Upcoming Celebrations
- Maintain Conversation Context
- Provide RESTful API Access
- Show Engagement Analytics
- Manage Team Members
- Manually Create Moments
- Configure Bot Settings
- View Culture Analytics
- Track Team Engagement
- Generate Culture Reports

Legend

Communication
Moments & Celebrations
Admin Management
HR Functions
AI Processing
Data Management
Dashboard & UI

Thun.ai Culture OS - Flow Diagram

Thun.ai Culture OS - Process Flow Diagram

Sample: "MuthuA celebrating bday nov 6th"

User (Teams)	Thun.ai Bot	Groq LLM	Thun.ai API	Database	Dashboard

1. Send Message "MuthuA celebrating bday nov 6th"

2. Receive Message Log activity Get conversation history

3. Process with LLM Send conversation to Groq API

4. AI Processing Normalize input: "Happy birthday to MuthuA! His birthday is Nov 6th"

5. Parse LLM Response Detect celebration Extract: MuthuA, birthday, Nov 6

7. Receive Response "Happy birthday to MuthuA! His birthday is Nov 6th"

6. Send AI Response to User

8. Create Moment Check if user exists Prepare moment data

9. API Request POST /users/name/MuthuA POST /moments/

10. Database Operations Find/Create User Insert Moment Record

12. Log Success ✅ Moment created: MuthuA - birthday - Nov 6

11. API Response Return moment data Success confirmation

13. Dashboard Update New moment appears Available for team greetings

14. Store Conversation Save chat history for context

✅ **SUCCESS: Moment Created & Ready for Team Greetings!**