

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Agentic Collaborator

The Capstone Experience

Team Ally

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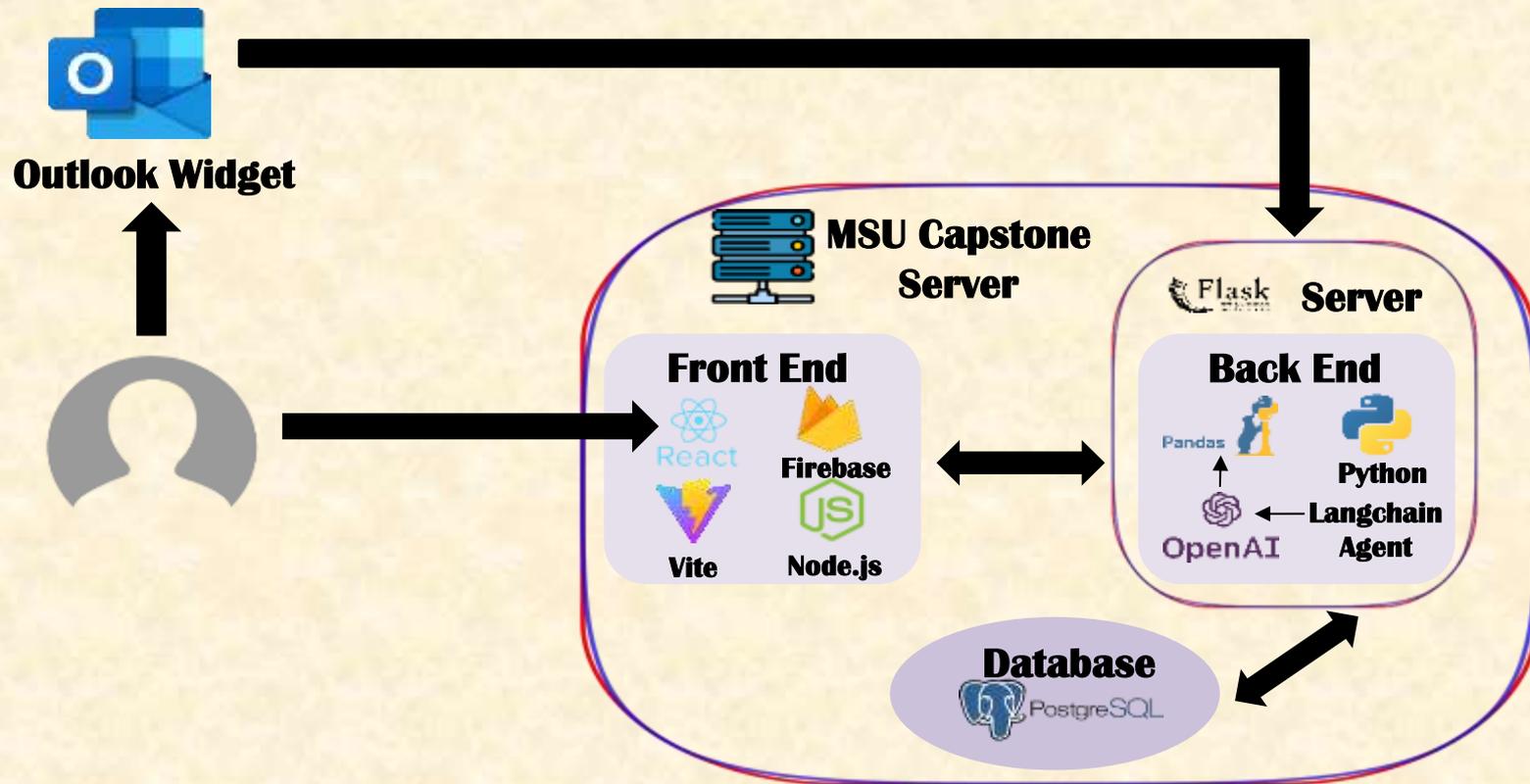
*From Students...
...to Professionals*

Project Overview

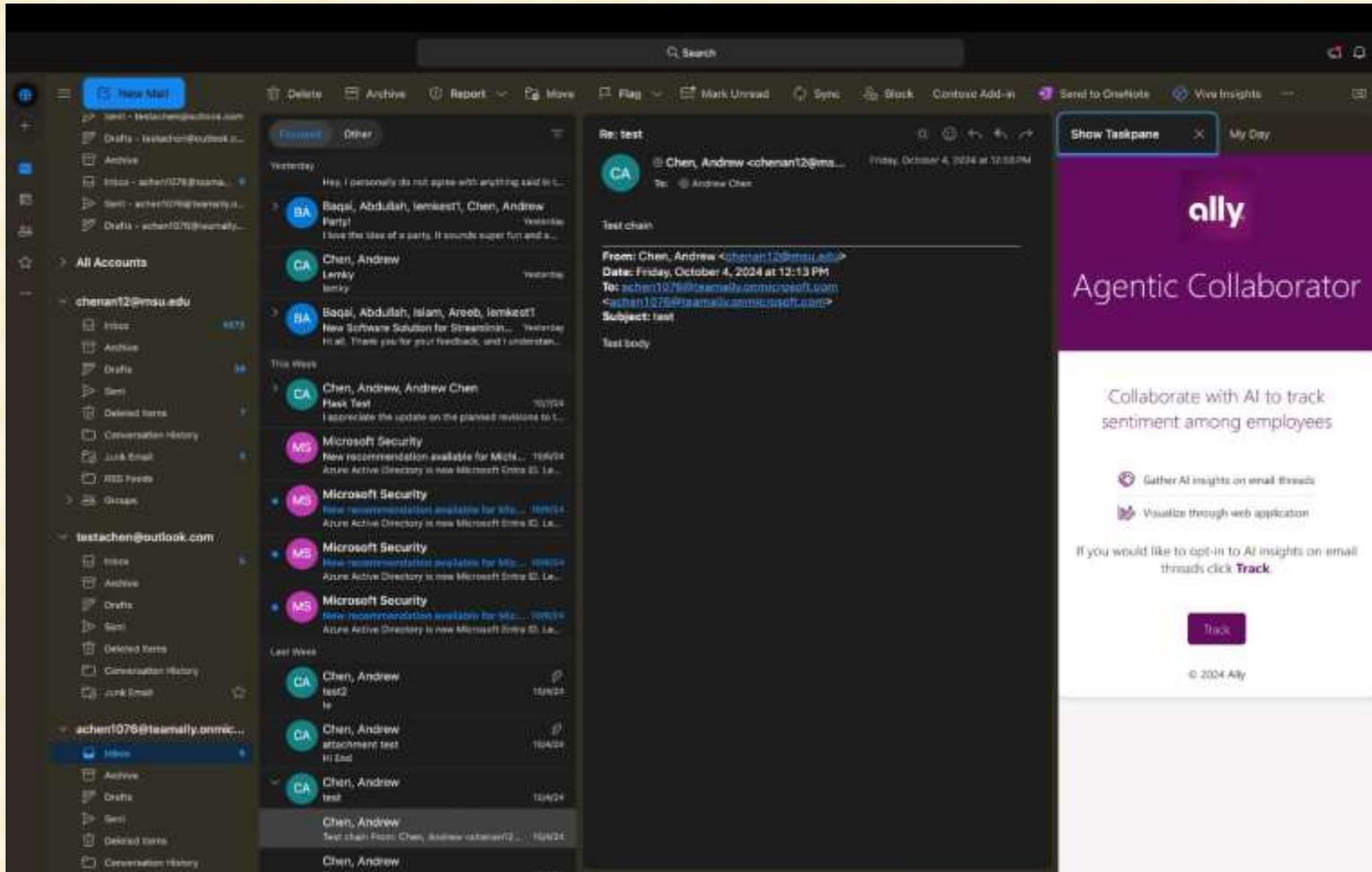
- Managing email threads with multiple collaborators makes tracking sentiment challenging.
- AI agents improve the task of understanding emails in an email chain.
- Our software visualizes sentiment among users on a web application dashboard and sends follow up emails.



System Architecture



Outlook Widget



Thread Tracker

The screenshot shows a web browser window displaying the 'Thread Tracker' application. The browser's address bar shows the URL 'https://ally-collaborator.com/threadtracker/'. The application has a purple header with the 'ally' logo. A left sidebar contains navigation options: 'Thread Tracker' (selected), 'Activity Log', and 'Recently Accessed' (with the text 'No recently accessed threads.'). The main content area features a table with the following data:

Thread ID	Title	Date Created	Status
4	Project update and feedback request: ai-powered agentic collaborator dashboard	2024-10-08 22:04:16	<div style="width: 100%;"></div> X
1	Update testing	2024-11-11 21:52:46	<div style="width: 100%;"></div> X
2	[new tool launch] collaborative workspace for cross-team projects	2024-11-12 21:52:52	<div style="width: 100%;"></div> X
3	[launch update] new project management tool release next week	2024-11-07 14:04:05	<div style="width: 100%;"></div> X
5	New software solution for streamlining client communications	2024-10-08 15:01:28	<div style="width: 100%;"></div> X

At the bottom left of the sidebar, there is a 'Logout' button with a red arrow icon.



Sentiment Analyzer

The screenshot displays the Ally Collaborator web application interface. The main content area features a table of email threads with sentiment analysis results. The table has columns for Email, Sentiment, Time Received, and a button for more details. The sentiment results are: Positive (green), Negative (red), Neutral (orange), and None (grey).

Email	Sentiment	Time Received	Action
lemkeet1@msu.edu	Positive	2024-10-08 19:48:51	DETAIL
achnac16@msu.edu	Negative	2024-10-08 19:48:10	DETAIL
chenan12@msu.edu	Negative	2024-10-08 19:48:29	DETAIL
islamare@msu.edu	Negative	2024-10-08 19:49:04	DETAIL
baqaimuh@msu.edu	Neutral	2024-10-08 19:49:47	DETAIL
achen1976@gmail.com	None		REMIND
banuzpra@msu.edu	None		REMIND

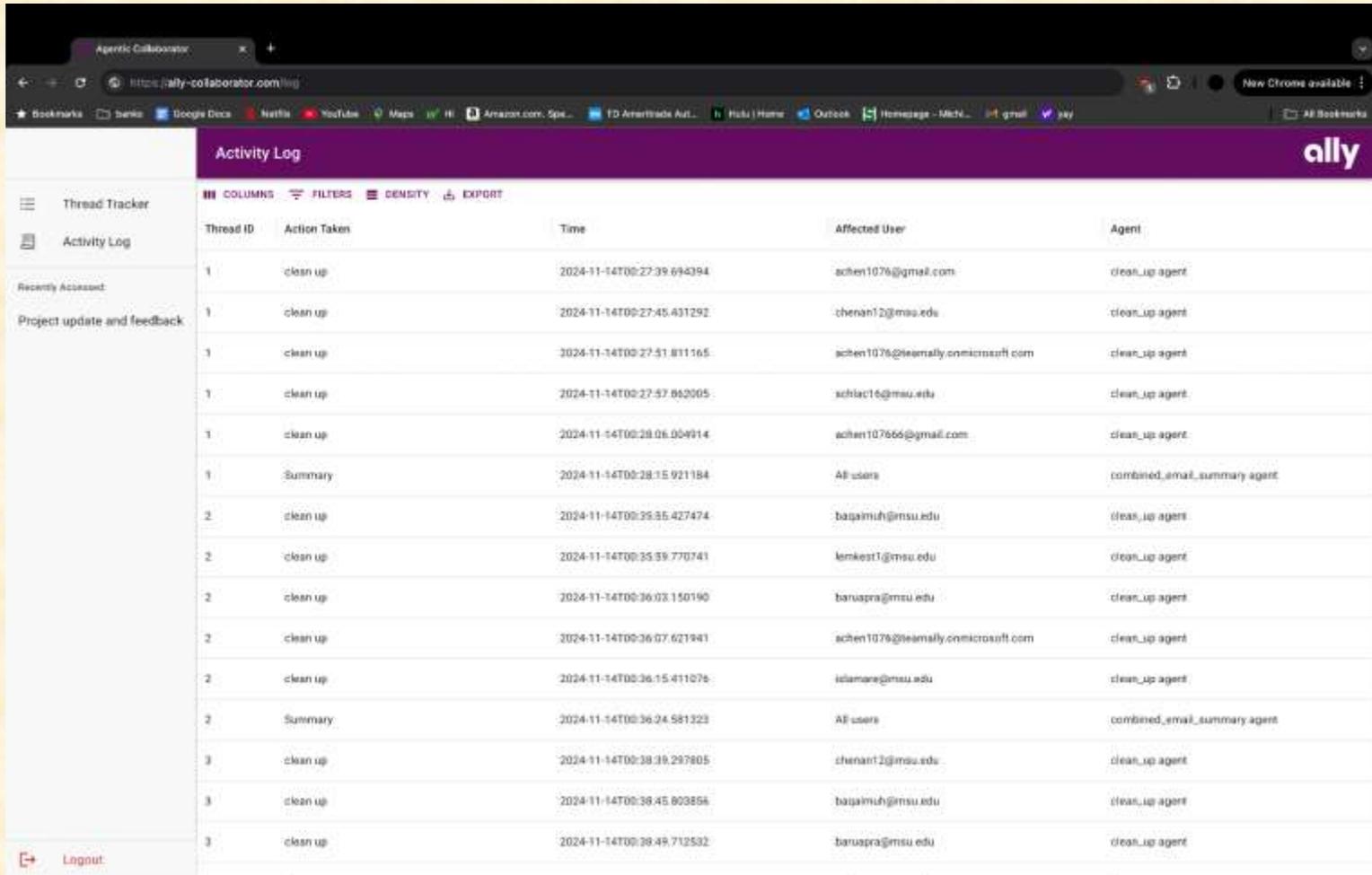
Brief:
The email thread discusses the introduction of a new software solution, ClientCommPro, by Jennifer Liu, aimed at improving client communications through AI and CRM integration. Andrew Chen raised concerns about the integration complexity with Salesforce, scalability, and the AI's accuracy, while Michael expressed his decision not to proceed due to compliance risks and technical challenges. Additionally, Michael Greene highlighted issues with the contract, including liability and intellectual property concerns, suggesting a renegotiation. In response, Jennifer acknowledged the feedback and plans to address these issues with the vendor and explore alternative solutions.

PROS:

- Introduction of a new software solution to improve client communications
- AI-driven automation to streamline communication processes
- Seamless integration with existing crms like salesforce, though complicated
- Provision of real-time data analytics for communication trends
- Vendor meets fits within budget and offers a free Ed.



Activity Log



The screenshot displays the Ally Activity Log interface. The page title is "Activity Log" and the Ally logo is in the top right corner. The interface includes a sidebar with "Thread Tracker" and "Activity Log" sections, and a main table of activity entries. The table has columns for Thread ID, Action Taken, Time, Affected User, and Agent. The entries show various "clean up" actions performed by different users on various threads, along with summary actions for all users.

Thread ID	Action Taken	Time	Affected User	Agent
1	clean up	2024-11-14T00:27:39.694394	achen1076@gmail.com	clean_up agent
1	clean up	2024-11-14T00:27:45.431292	chenan12@msu.edu	clean_up agent
1	clean up	2024-11-14T00:27:51.811165	achen1076@teammally.onmicrosoft.com	clean_up agent
1	clean up	2024-11-14T00:27:57.862005	schlac16@msu.edu	clean_up agent
1	clean up	2024-11-14T00:28:06.004914	achen107666@gmail.com	clean_up agent
1	Summary	2024-11-14T00:28:15.921184	All users	combined_email_summary agent
2	clean up	2024-11-14T00:35:55.427474	bagaimuh@msu.edu	clean_up agent
2	clean up	2024-11-14T00:35:59.770741	lenkest1@msu.edu	clean_up agent
2	clean up	2024-11-14T00:36:03.150190	baruaspra@msu.edu	clean_up agent
2	clean up	2024-11-14T00:36:07.621941	achen1076@teammally.onmicrosoft.com	clean_up agent
2	clean up	2024-11-14T00:36:15.411075	islamane@msu.edu	clean_up agent
2	Summary	2024-11-14T00:36:24.581323	All users	combined_email_summary agent
3	clean up	2024-11-14T00:38:39.297905	chenan12@msu.edu	clean_up agent
3	clean up	2024-11-14T00:38:45.803856	bagaimuh@msu.edu	clean_up agent
3	clean up	2024-11-14T00:38:49.712532	baruaspra@msu.edu	clean_up agent



Admin Page

The screenshot displays the Admin Page for Ally Collaborator. The page is titled "Admin Statistics" and features the Ally logo in the top right corner. The main content area is divided into several sections:

- Admin Statistics:** A row of four cards showing key metrics:
 - Total Users: 9
 - Monthly Active Users: 7
 - Total Tracked Threads: 5
 - Activity Log Count: 29
- Sentiment Distribution:** A donut chart showing the distribution of sentiment for tracked threads. The legend indicates four categories: Positive (green), Negative (red), Neutral (orange), and No Consensus (grey).
- Average Response Time (hours):** A card showing the average response time is 5.73 hours.
- Activity Log Insights:** A table summarizing activity log entries.
- Recent Activity Logs:** A table listing recent activity log entries with columns for User Email, Action, and Date.

The left sidebar contains navigation options: Thread Tracker, Activity Log, and Admin Stats. Below these, it shows "Recently Accessed" with the message "No recently accessed threads." At the bottom left of the sidebar, there is a "Logout" button.

Action	Count
Summary	5
clean up	24

User Email	Action	Date
All users	Summary	11/13/2024, 7:41:16 PM
baqarimuf@msu.edu	clean up	11/13/2024, 7:41:06 PM
islamsre@msu.edu	clean up	11/13/2024, 7:41:01 PM
chenan12@msu.edu	clean up	11/13/2024, 7:40:55 PM
schlac16@msu.edu	clean up	11/13/2024, 7:40:49 PM



What's left to do?

- Features
- Stretch Goals
 - Sentiment threshold slider
 - Speed up tracking time
 - Thread priority indicator
- Other Tasks
 - UI changes
 - Agent prompt engineering
 - Email tracking notifications
 - Data partitioning activity log



Questions?

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