Gossip-

Rethinking internal employee communication
Atom Challenge #1

What are we trying to solve

We are proposing an innovative solution to the inter-user work flow.

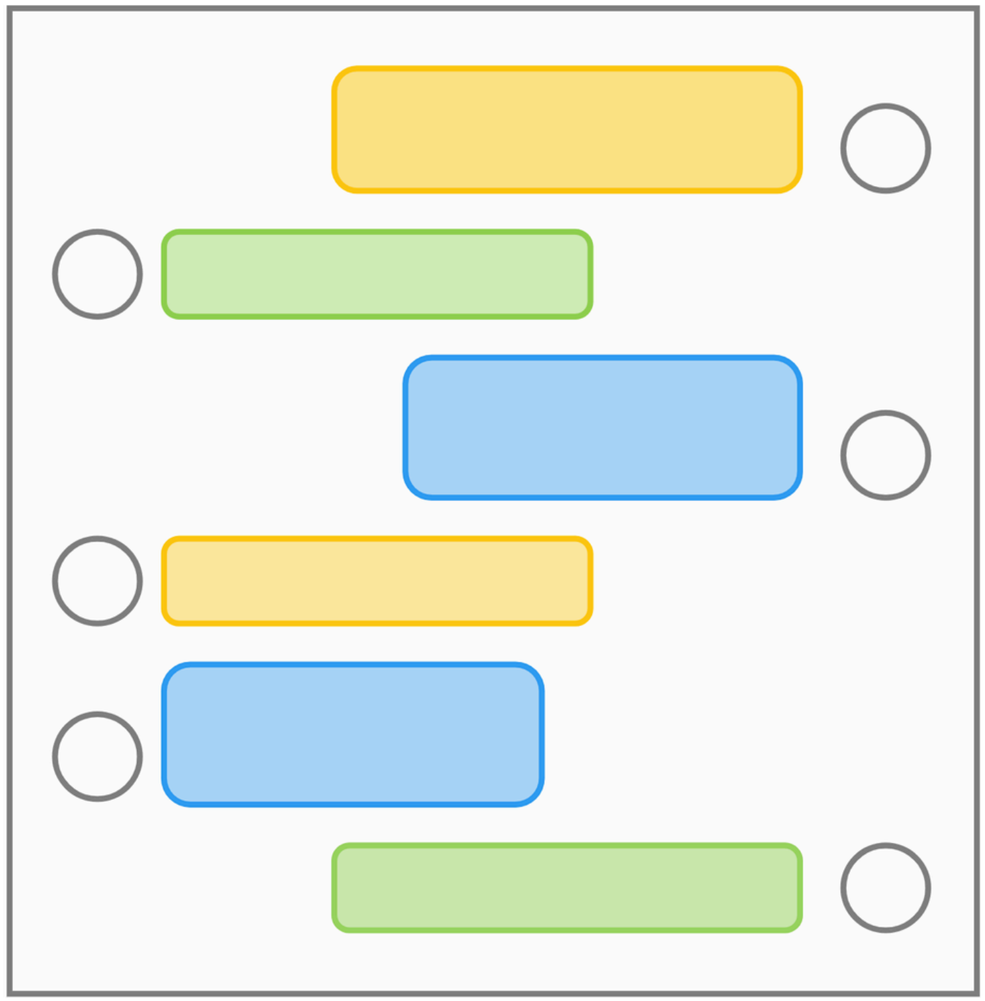
We hoped to produce a solution that makes company data easy to access, interact with and to introduce a seamless way to communicate with colleagues and other employees within the firm.

How can we innovate?

- Instead of creating channels for communication
  - Direct messages, meeting chats, internal forums

- Focus on open spaces for discussing concrete topics
- Each discussion is contained within a separate environment

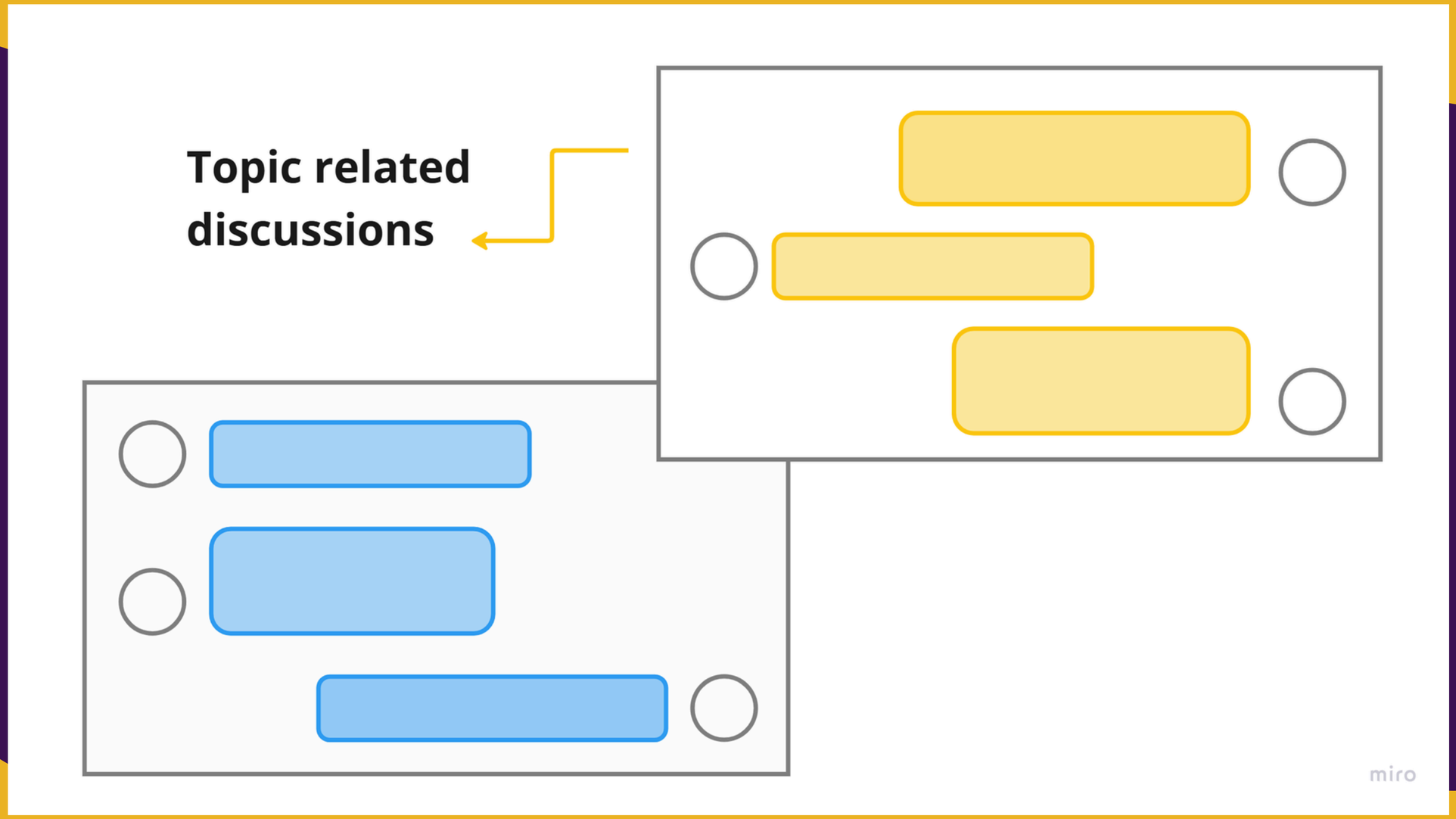
Current software - Teams / Slack



Unstructured communication channel

miro

Our solution - Contextual chat environments

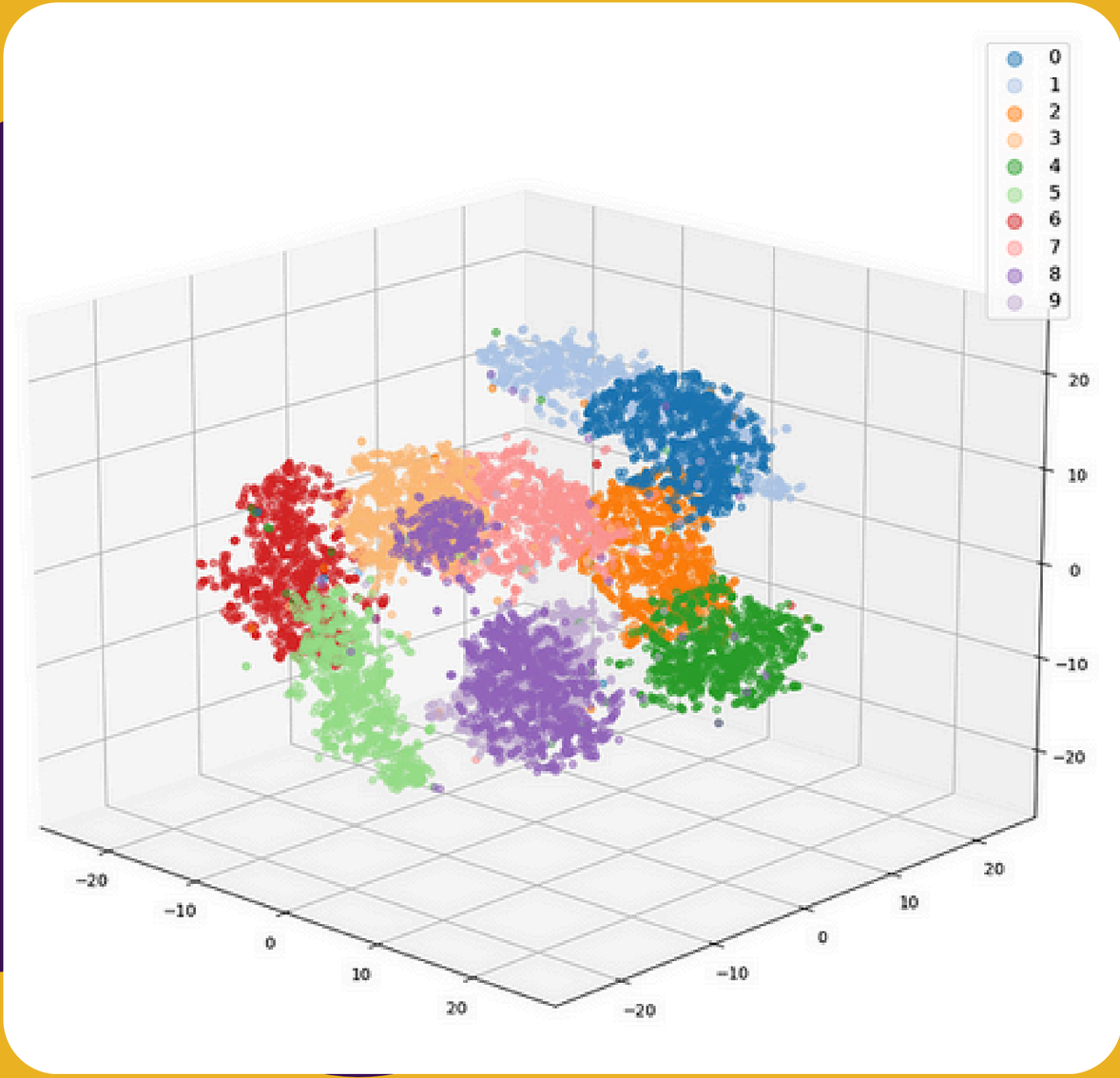


Leveraging vector databases

Stores and queries high-dimensional vectors (embeddings) that represent the meaning or relationships in data.

Alike nodes are clustered together based on their similar attributes.

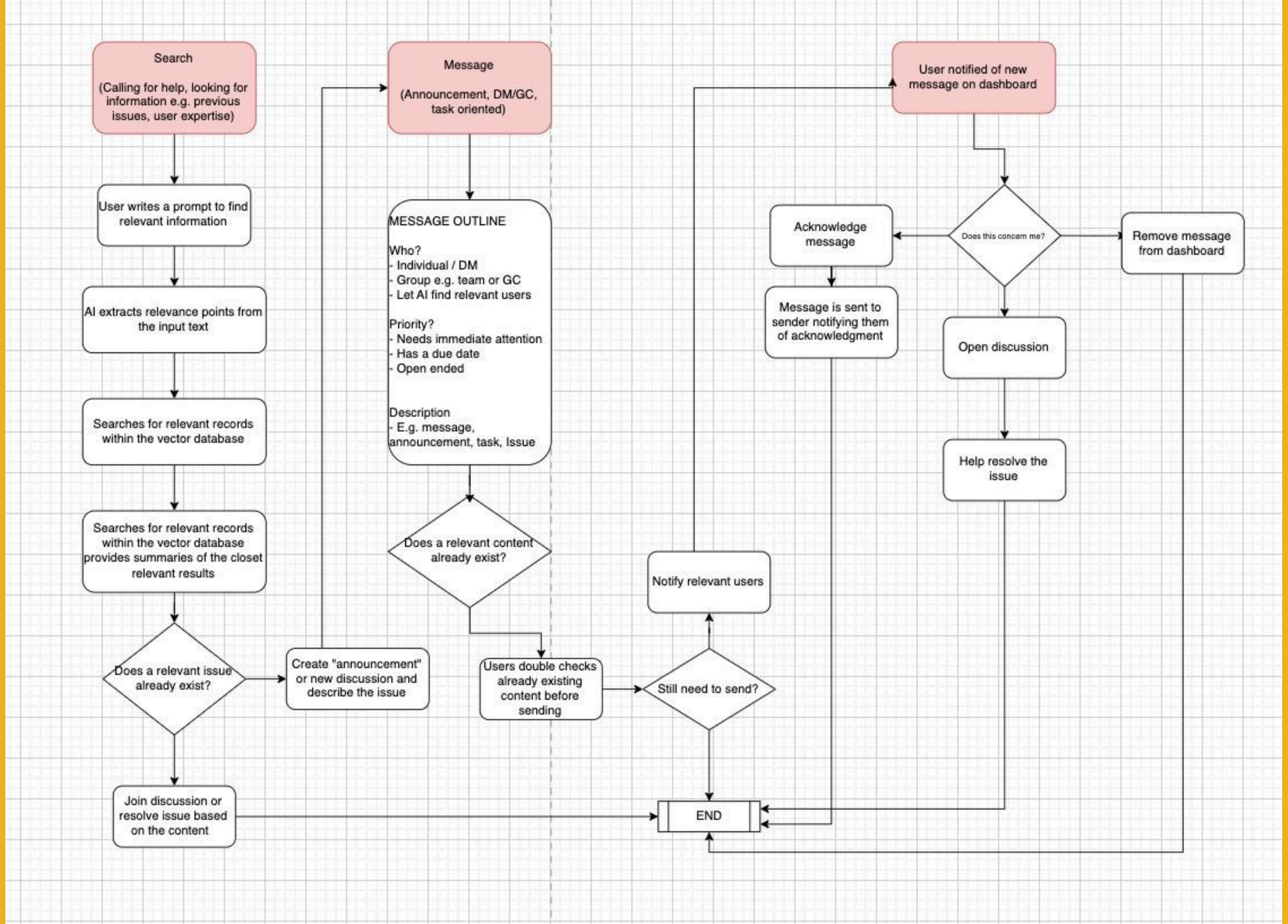
This way we can efficiently search for data based on similarity.



How does this contribute to our solution?

- Each discussion environment is embedded in a vector database
- When searching for internal company information, relevant discussions are found presented to users.

- BENEFITS:
  - Faster information retrieval
  - Reduction in duplication
  - Focus on the important


Search
(Calling for help, looking for information e.g. previous issues, user expertise)
User writes a prompt to find relevant information
AI extracts relevance points from the input text
Searches for relevant records within the vector database
Searches for relevant records within the vector database provides summaries of the closet relevant results
Does a relevant issue already exist?
Create "announcement" or new discussion and describe the issue
Join discussion or resolve issue based on the content
Message
(Announcement, DM/GC, task oriented)
MESSAGE OUTLINE
Who?
- Individual / DM
- Group e.g. team or GC
- Let AI find relevant users
Priority?
- Needs immediate attention
- Has a due date
- Open ended
Description
- E.g. message, announcement, task, Issue
Does a relevant content already exist?
Users double checks already existing content before sending
Still need to send?
Notify relevant users
END
User notified of new message on dashboard
Does this concern me?
Acknowledge message
Message is sent to sender notifying them of acknowledgment
Remove message from dashboard
Open discussion
Help resolve the issue