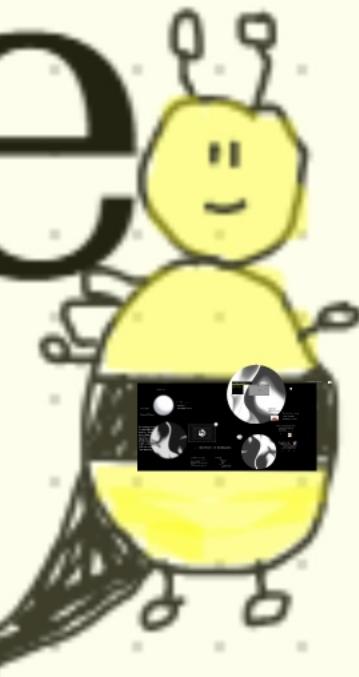


Beethere



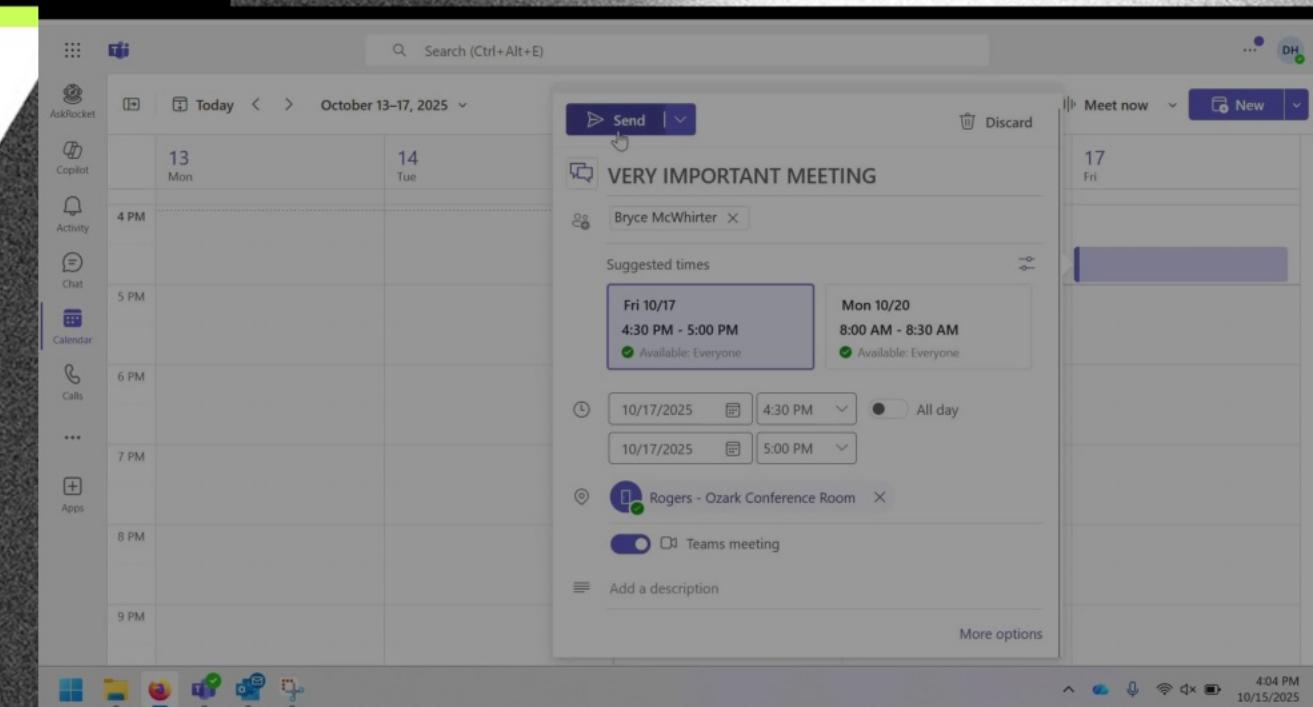
a meeting reservation software by
Buzzword Software Solutions

"The Dangers of Unscheduled Meetings"(2025) dir. Dillon Hines

Real Footage on the scene.

Trigger Warning: Social Anxiety.

No Bees were harmed in the making of this film.





Search (Ctrl+Alt+E)



Today

October 13–17, 2025

13
Mon14
Tue

4 PM

5 PM

6 PM

7 PM

8 PM

9 PM

Send | ▾

Discard



VERY IMPORTANT MEETING



Bryce McWhirter X

Suggested times

Fri 10/17

4:30 PM - 5:00 PM

Available: Everyone

Mon 10/20

8:00 AM - 8:30 AM

Available: Everyone



10/17/2025



4:30 PM ▾



All day

10/17/2025



5:00 PM ▾



Rogers - Ozark Conference Room



Teams meeting



Add a description

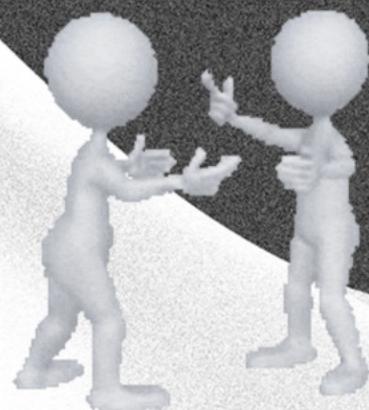
More options



BACKGROUND

BACKGROUND

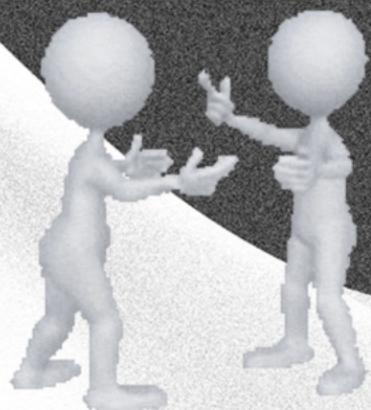
Communication is a vital part of Software Engineering



BACKGROUND

Communication is a vital part of Software Engineering

Increases productivity substantially

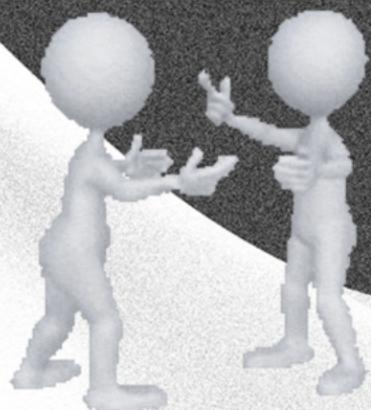


BACKGROUND

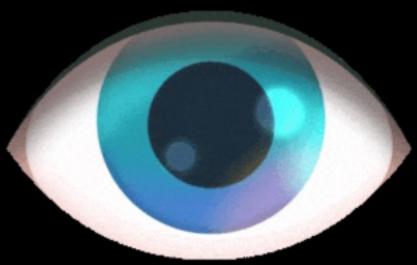
Communication is a vital part of Software Engineering

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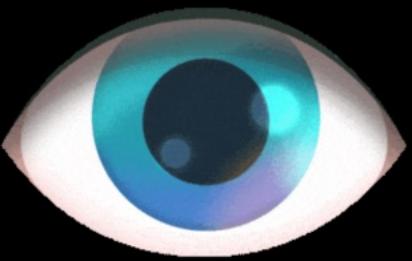
But what does effective communication look like?



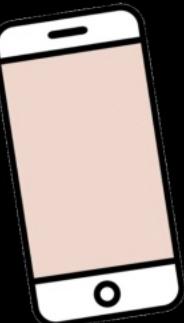
Observations on
communication



Observations on communication



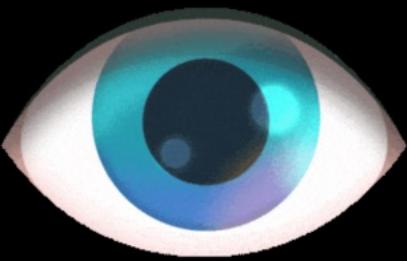
TEXT BASED
(teams)



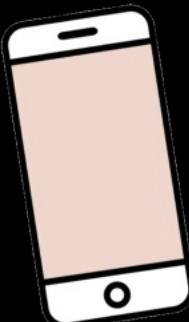
LESS EFFICIENT

- Disruptive train of thought (context switching)
- Lengthy reply times

Observations on communication



TEXT BASED
(teams)



CONFERENCES
AND MEETINGS



LESS EFFICIENT

- Disruptive train of thought (context switching)
- Lengthy reply times

MORE IDEAL

- Faster conveying of information
- Nuanced body language/tone

Business Opportunities



- Productivity Increases
- Profit increases
- Flexibility increases

Business Goals and Objectives

- Want an organized system to foster communication
- Build an extensible system for future changes



Success Criteria



- A perceived increase in
 - engagement among employees
 - communication effectiveness
- Increased productivity/faster project completion
- Fewer scheduling/booking conflicts

DONT WANT PUBLIC
MEETINGS



DONT WANT PUBLIC
MEETINGS



SENSITIVE
INFORMATION?



DONT WANT PUBLIC
MEETINGS



SENSITIVE
INFORMATION?



CODE REVIEWS OR
PERFORMANCE REVIEW?



DONT WANT PUBLIC
MEETINGS



SENSITIVE
INFORMATION?



CODE REVIEWS OR
PERFORMANCE REVIEW?



A ROOM IS REQUIRED!
BUT THERE IS NO
CURRENT SYSTEM



Customer/User Needs

- Easy way to schedule meetings and be overseen by managers
- Without this meetings could be missed or dropped
- This costs the company time and money

PROBLEM STATEMENT



The lack of a proper meeting scheduling system is hindering the productivity and efficiency of company employees, by causing delays and forcing us to resort to less efficient communication methods

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The lack of a proper meeting scheduling system is hindering the productivity and efficiency of company employees, by causing delays and forcing us to resort to less efficient communication methods

VISION STATEMENT

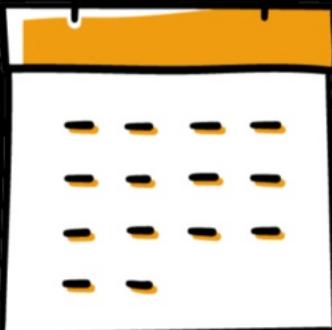
We are proposing a scalable communication infrastructure for our coworkers that would improve productivity and enhance flexibility, which will over time increase profits

PROJECT PRIORITIES

SEARCH FOR
ROOMS



ADD MEETING



UPDATE/CANCEL
MEETING



OPERATING ENVIRONMENT

How will users
interact with the
system?

OPERATING ENVIRONMENT

How will users interact with the system?

Employees and managers scheduling and updating reservations at any hour of the day



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Both scheduling video conferences across timezones



OPERATING ENVIRONMENT

How will users interact with the system?

Employees and managers scheduling and updating reservations at any hour of the day



Both scheduling video conferences across timezones



Managers potentially overriding reservations of regular employees



Major Features

- Authorization (Employee vs Manager)
- Ability to reserve rooms
 - Add/Update reservations
 - List unreserved rooms
 - Search for rooms by capacity
 - View existing reservations
 - Schedule video conferences between multiple rooms

Initial Release

- Manage reservations across all offices globally
- Manage and schedule reservations across time zones

Subsequent Releases

- Additional features
- Front-end

Stakeholder Profiles

- Sponsors
- Managers
- IT
- Legal Team

Use Case Model - Rooms

Request List of Meeting Rooms:

The system receives a GET and extracts a security token. The Authorization Server is called passing the security token. The Authorization Server credentials response is received. The time requested is compared to existing rooms in the database. The data fields related to rooms open at the location and time requested are displayed to the user.

Adding New Rooms

The system receives a POST request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. Then a new room is added to the database with the data fields from the request.

Updating Rooms

The system receives a PUT request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. If the request is from a Manager, then a room is pulled based on the provided id and updated based on the provided updated field. A successful update request is sent to the employee.

Deleting Rooms

The system receives a DELETE request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. If the request is from a manager, then the room with the matching ID from the request is removed from the database. A successful deletion request is sent to the employee.



Use Case Model - Reservations



sendishonline.com

Request List of Meeting Reservations:

The system receives a GET and extracts a security token. The Authorization Server is called passing the security token. The Authorization Server credentials response is received. The time requested is compared to existing rooms in the database. The data fields related to room reservations at the location are displayed to the user with the times of reservations.

Employees can add a meeting reservation.

The system receives a POST request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. A database check is performed to see if the room and time conflict with any existing reservations. If there are no conflicts, the reservation is inserted into the database. A successful response is returned to the requester. If attempting to reserve/coordinate a video conference across multiple rooms, the video meetings are reserved in parallel if there are no conflicts.

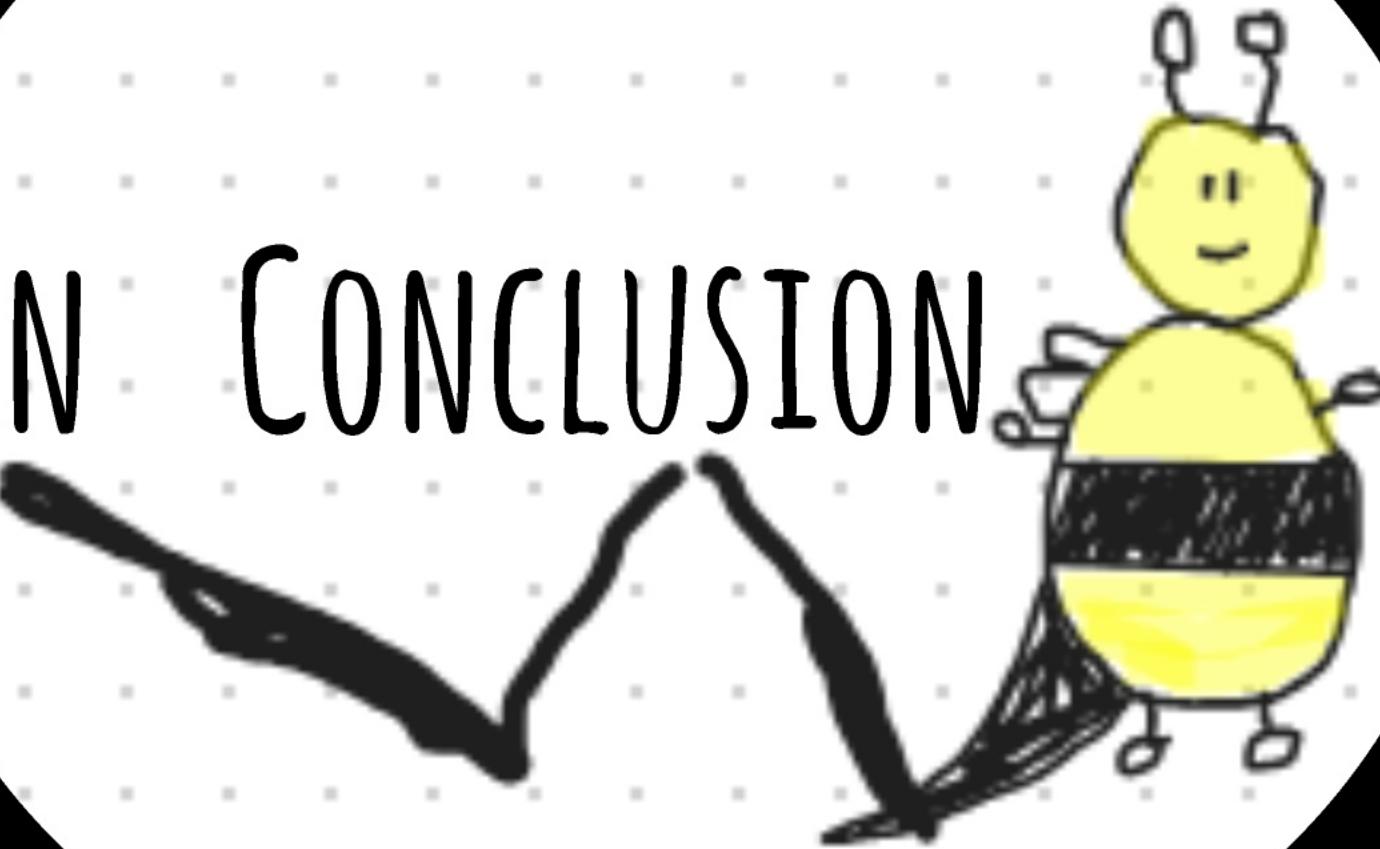
Employees can update their own meeting.

The system receives a PUT request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. A database check is performed to see if the new requested room and/or time conflict with any existing reservations. If there are no conflicts, the reservation is updated in the database. A successful response is returned to the requester.

Employees can delete meetings.

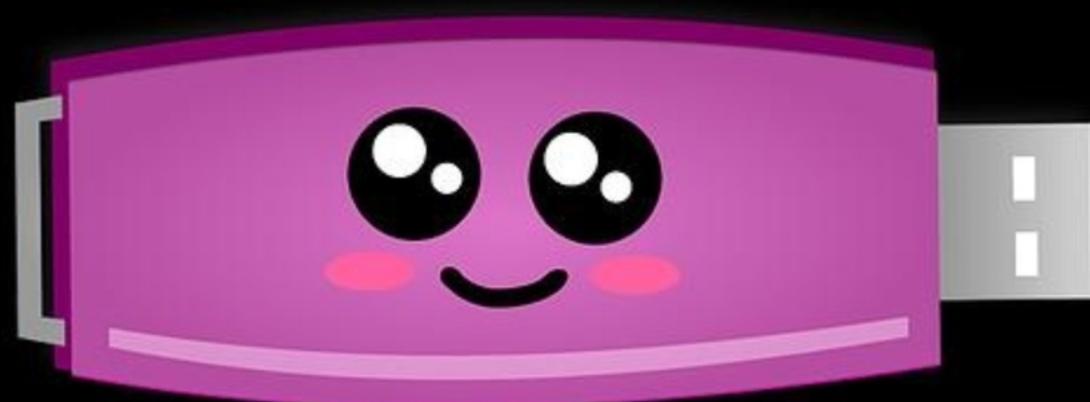
The system receives a DELETE request and extracts a security token. The Authorization Server is called passing the security token. The authorization credentials are received. A database check is performed to see if the reservation exists. If it does not exist, the user will get an error message. If the reservation was booked by the employee who made the request, it will be removed from the database. If the request was made by a manager, it will remove the meeting from the database regardless of who booked it. If an employee requests to delete a meeting that is not their own, they will receive a message declining their request.

IN CONCLUSION



“Now I become useful, the belief of my creators”- BeeThere

WHAT DO YOU CALL A BEE
THAT COMES FROM AMERICA?



USB



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