# CoP Hackathon 2022 Team Cyber-Wyber Problem Statement 2 – MoM-bot



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## Team Introduction



## Ashish Bhuyekar

Cybersecurity ASM (Attack Surface Management)

Data Management & Analytics

## Supriya Pentewad

Cybersecurity ASM

Engineering

## Pooja Joya

Cyber SRE

#### Jessica Gonsalves

Cybersecurity ASM

Ops Engineering

## Kaustubh Singh

Cyber SRE

## **Proposed Solution**



Audio Call



















## Source

- Meeting recordings are captured.
- Stored at central location space allocated teamwise.

## Processing

- Audio and Video Data is processing.
- Speech-to-text conversion is performed using ML algorithm.

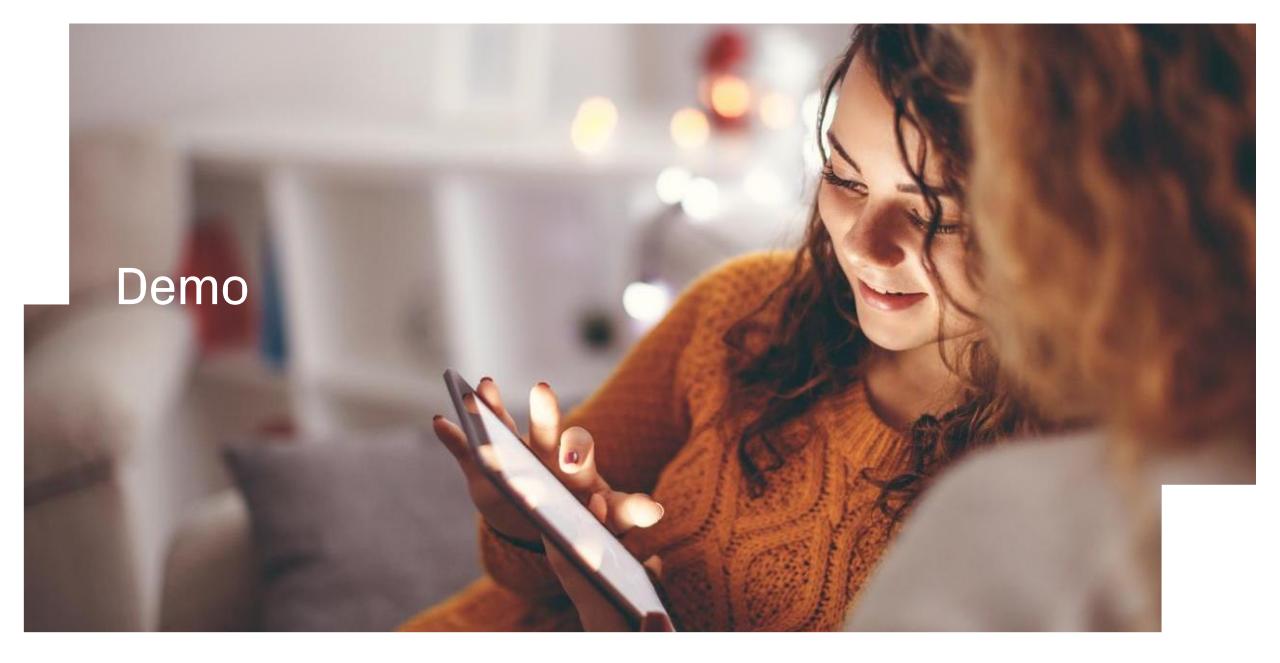
## **Transcription**

- Transcription is recorded.
- Stored at central location for records.

### Action

- Minutes-of-Meetings are sent over email.
- Email would be sent across for the actions and tasks assigned.
- Tasks are created in project planning tool e.g. JIRA.





## Future Scope

# Known Issues/Challenges

#### Input

Real-time audio recording/raw data collection during meeting is a challenge due to authentication/permission issue (recording voice of a user from a different system is a privacy violation).

#### Raw Data Processing

AI/ML models can be trained and improved for better accuracy of MoM.

#### Scalability

The proposed solution need to be scaled to integrate with third-party communication apps like Skype, Zoom, Teams, Webex, Rocket.Chat, etc.

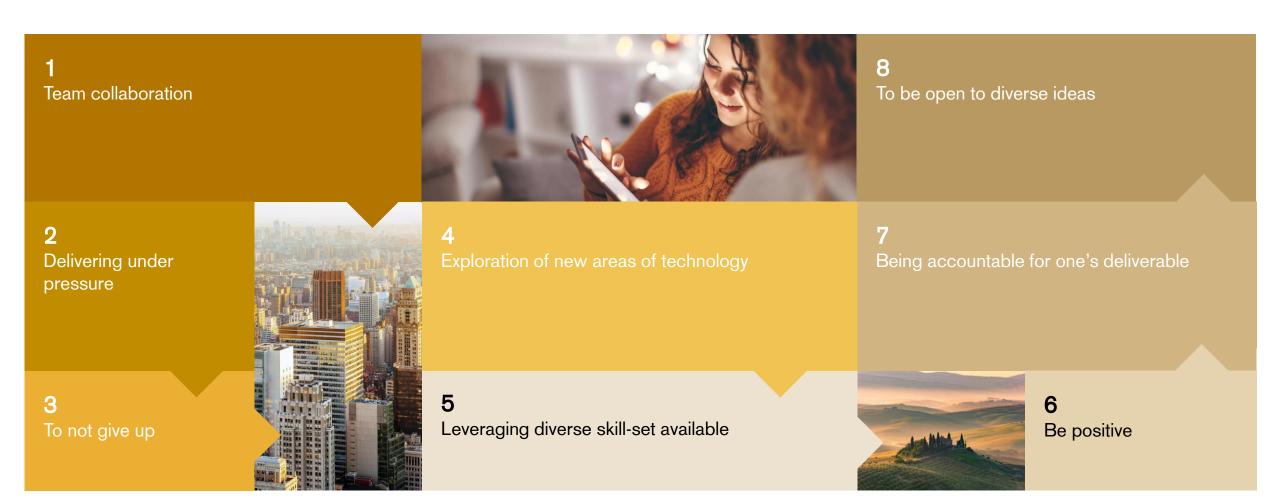
#### Output

MoM to be sent to meeting participants via email.



# Learnings

## What have we learnt?



## **Actions**

## Courses

Practical Python for Beginners: Pluralsight

By Sarah Holderness

Getting Started with Natural Language Processing with Python: Pluralsight

By Swetha Kolalapudi

Python for Data Analysts: Pluralsight Learning Path





# Fedback