

# Public Speaking Practice App

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Presented by - Team TRIPLE INTERFACE



# About our App

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- Speech & Presentation practice
- Realistic practice environments
- Performance feedback



# Motivation

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- Customizable training environment
- Immersive training environment
- Feedback on non-verbal communication



# App workflow – Setting the things...

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Welcome to the Public Speaking  
Practice App

RECORD A SESSION

MY RECORDINGS

Choose an Environment

CLASSROOM

AUDITORIUM



# App Workflow – Setting more things...

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Choose Audience Type

STUDENTS

PROFESSIONALS

Select a Document

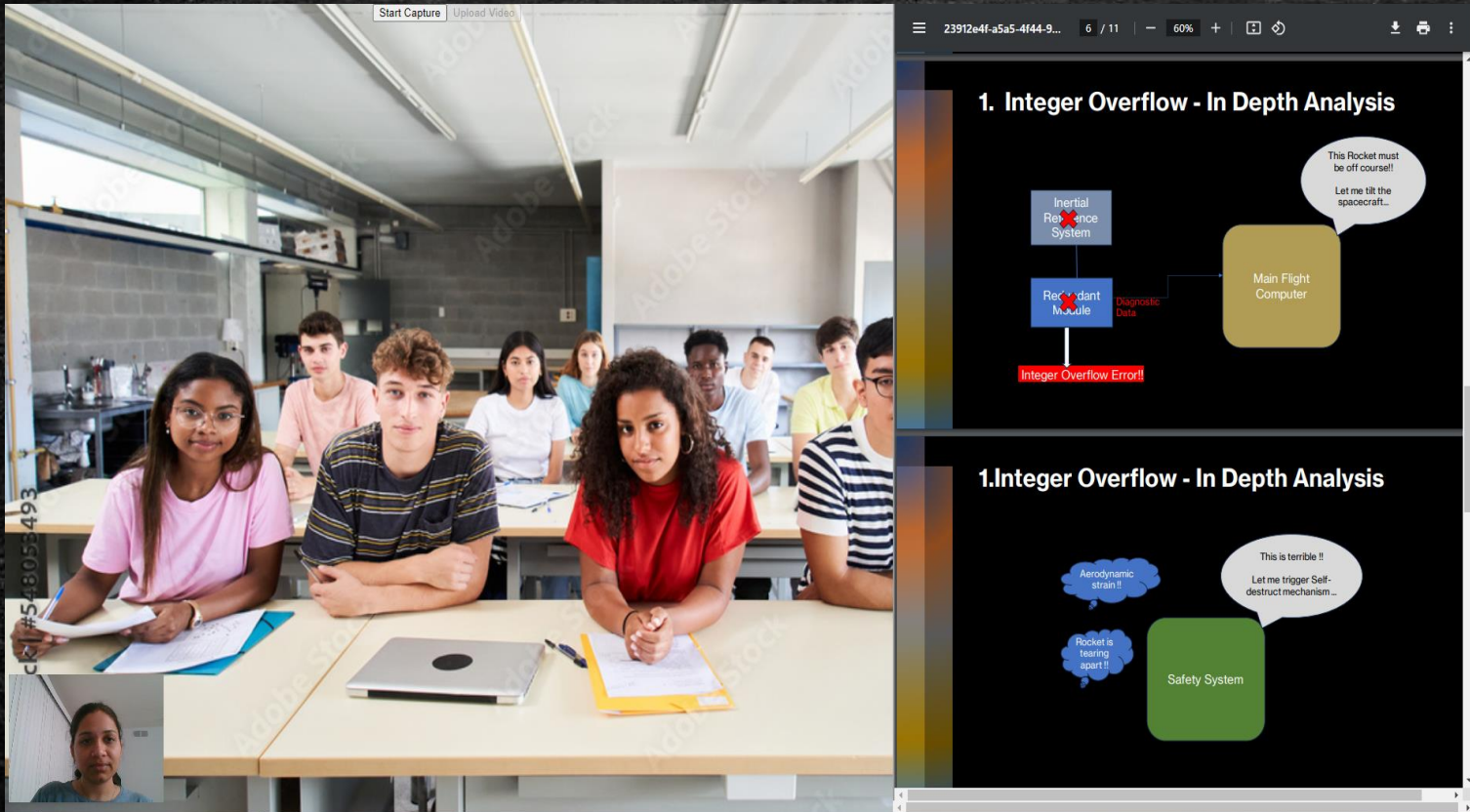
Choose File No file chosen

PROCEED WITH FILE

PROCEED WITHOUT FILE



# App Workflow – Session begin with presentation mode on...



- People with minimal facial expressions
- Interactive presentation mode
- Live Video feed
- Interactive buttons
- Live Video & Audio recording



# App Workflow – when speech got bored...

The image is a composite. On the left, a photograph shows a classroom of students sitting at desks, looking bored or tired. On the right, a screenshot of a software interface displays a workflow diagram titled "1. Integer Overflow - In Depth Analysis".

The workflow diagram consists of the following components and flow:

- Inertial Reference System** (blue box) connects to **Redundant Module** (blue box).
- Redundant Module** outputs **Diagnostic Data** (red text) to the **Main Flight Computer** (yellow box).
- A red box labeled **Integer Overflow Error!!** is connected to the **Redundant Module**.
- The **Main Flight Computer** has a speech bubble that says: "This Rocket must be off course!! Let me tilt the spacecraft..."
- Below this, another section titled "1.Integer Overflow - In Depth Analysis" shows a **Safety System** (green box).
- The **Safety System** has two thought bubbles: "Aerodynamic strain!!" and "Rocket is tearing apart!!".
- The **Safety System** has a speech bubble that says: "This is terrible !! Let me trigger Self-destruct mechanism..."



# App Workflow – When speech got interesting...

Start Capture Upload Video

23912e4f-a5a5-4f44-9... 6 / 11 60%

## 1. Integer Overflow - In Depth Analysis

Inertial Reference System

Redundant Module

Diagnostic Data

Main Flight Computer

Integer Overflow Error!!

This Rocket must be off course!!  
Let me tilt the spacecraft...

## 1. Integer Overflow - In Depth Analysis

Aerodynamic strain !!

Rocket is tearing apart !!

Safety System

This is terrible !!  
Let me trigger Self-destruct mechanism...



# App Workflow – When speech got really disengaging

The image is a composite. On the left, a photograph of a lecture hall shows several students in the foreground and background, all appearing disengaged or asleep. Some are resting their heads on their hands, while others are looking away. In the bottom left corner of this photo is a small inset of a woman looking down. On the right, a presentation slide titled "1. Integer Overflow - In Depth Analysis" is displayed. The slide features a diagram of a rocket's control system. The diagram shows an "Inertial Reference System" and a "Redundant Module" both marked with a red 'X'. An arrow labeled "Diagnostic Data" points from the "Redundant Module" to a "Main Flight Computer". Below the "Redundant Module" is a red box with the text "Integer Overflow Error!". A speech bubble from the "Main Flight Computer" says, "This Rocket must be off course!! Let me tilt the spacecraft...". Below the diagram, another speech bubble from the "Main Flight Computer" says, "This is terrible!! Let me trigger Self-destruct mechanism...". The slide also includes a "Safety System" box and two blue thought bubbles: "Aerodynamic strain!!" and "Rocket is tearing apart!!". The presentation window has a dark theme and a status bar at the top showing "23912e4f-a5a5-4f44-9...", "6 / 11", and "60%".

Start Capture Upload Video

23912e4f-a5a5-4f44-9... 6 / 11 60% + [Icons]

## 1. Integer Overflow - In Depth Analysis

Inertial Reference System

Redundant Module

Diagnostic Data

Main Flight Computer

Integer Overflow Error!!

This Rocket must be off course!!  
Let me tilt the spacecraft...

## 1.Integer Overflow - In Depth Analysis

Aerodynamic strain!!

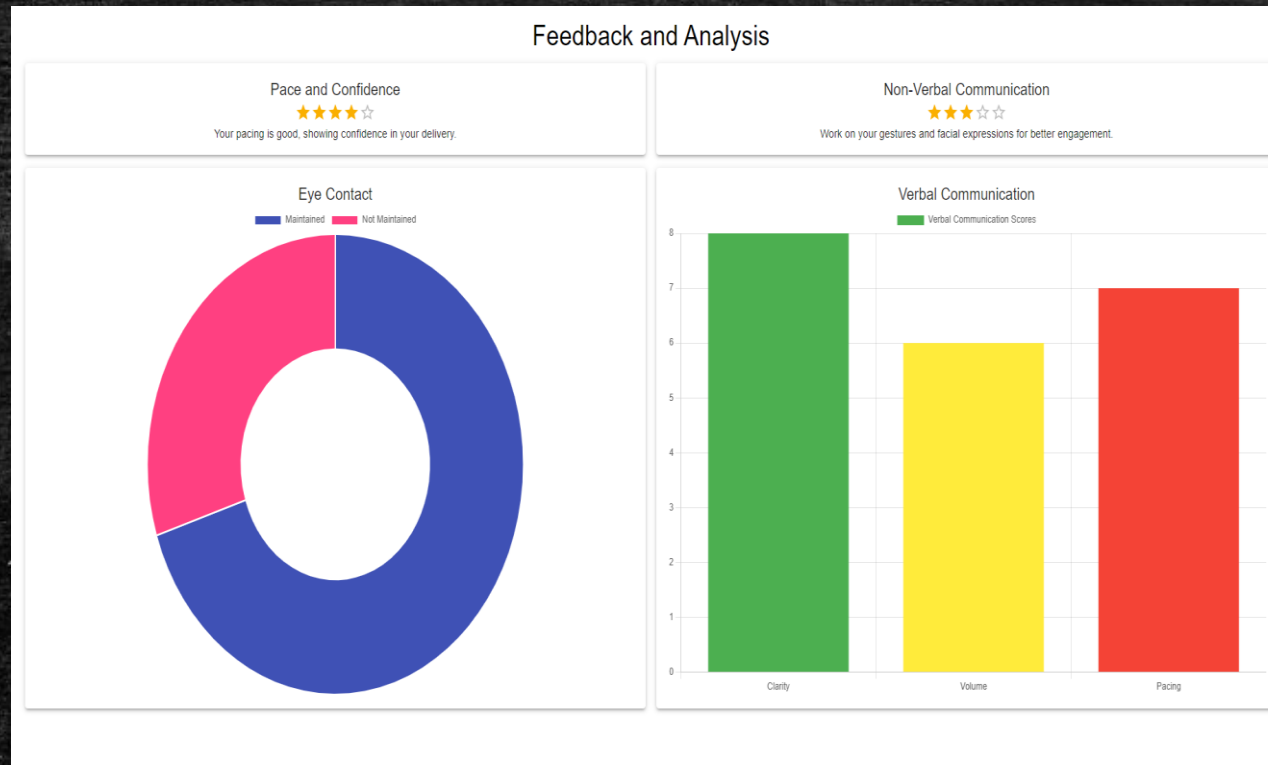
Rocket is tearing apart!!

Safety System

This is terrible!!  
Let me trigger Self-destruct mechanism...



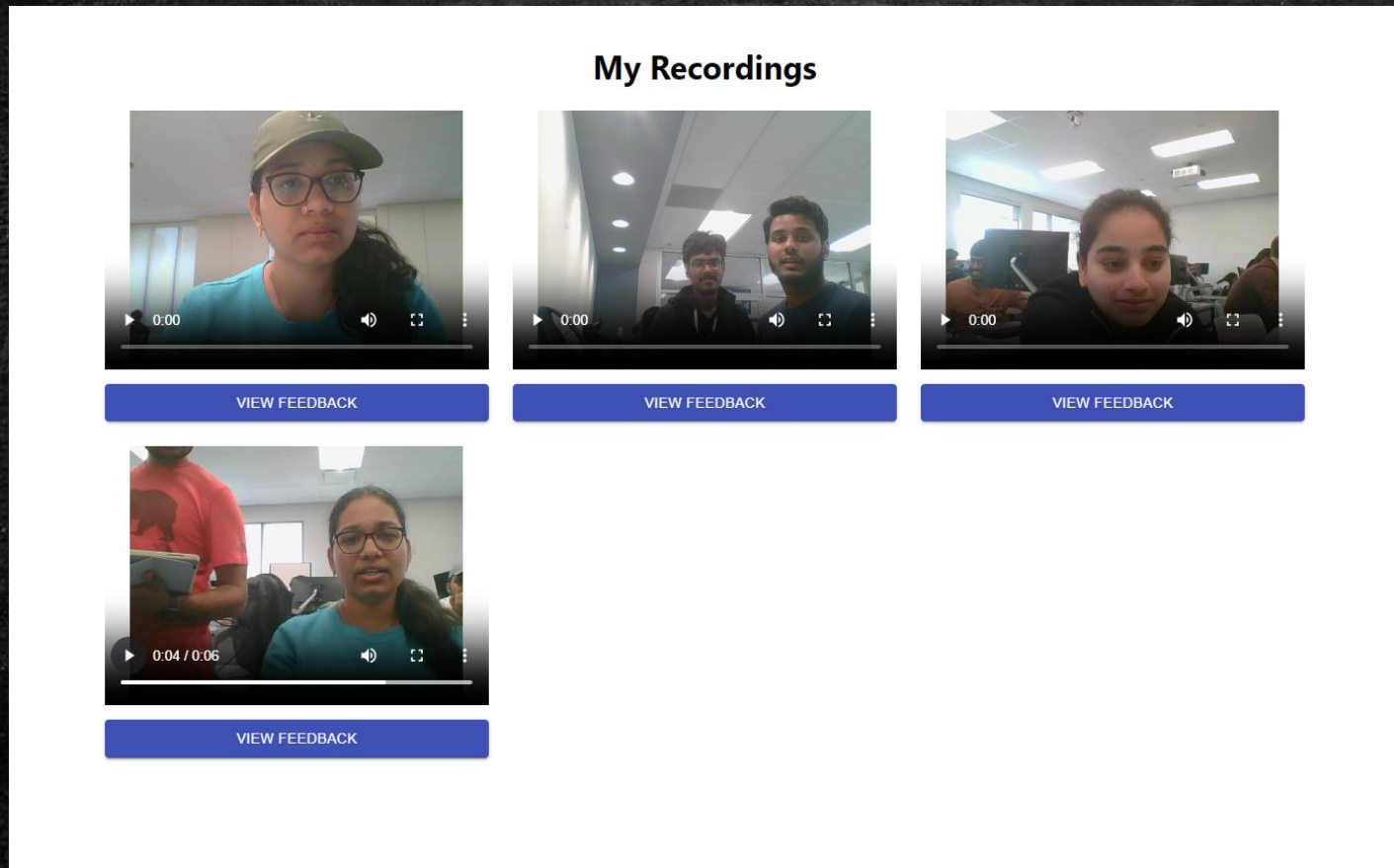
# App Workflow – Post session feedback...



- ☐ Confidence
- ☐ Pace
- ☐ Eye Contact
- ☐ Gestures
- ☐ Facial expressions
- ☐ Verbal Communication



# App Workflow – My recordings...



- ❖ Playback Video controls
- ❖ View feedback anytime
- ❖ Allows Self - assessment



# HCI Contribution

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- User Centric Design
- Interactive Feedback
- Customizable Settings



THANK YOU