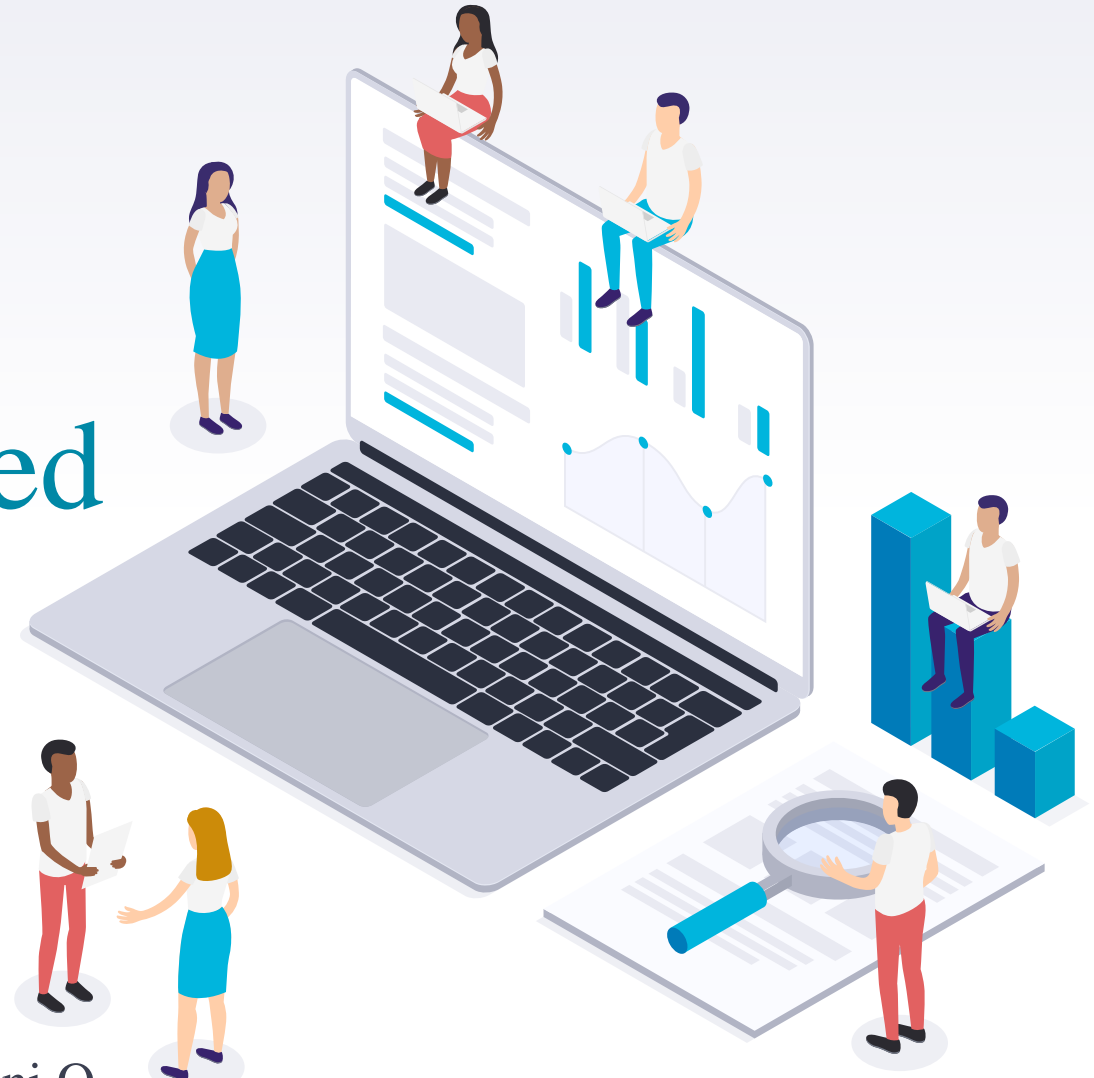


# Face Recognition based Attendance System

**Presented by(Group-10):**

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Durga Kumari Pisipati, Pavan Kumar Srikanth Naik



# Introduction

**Face detection** is used in a variety of applications such as security, biometrics, law enforcement, personal safety,. Etc.

**Objective:** Build a face recognition-based attendance system by comparing facial features extracted from the input image with the database.



# Face Recognition



Query Image

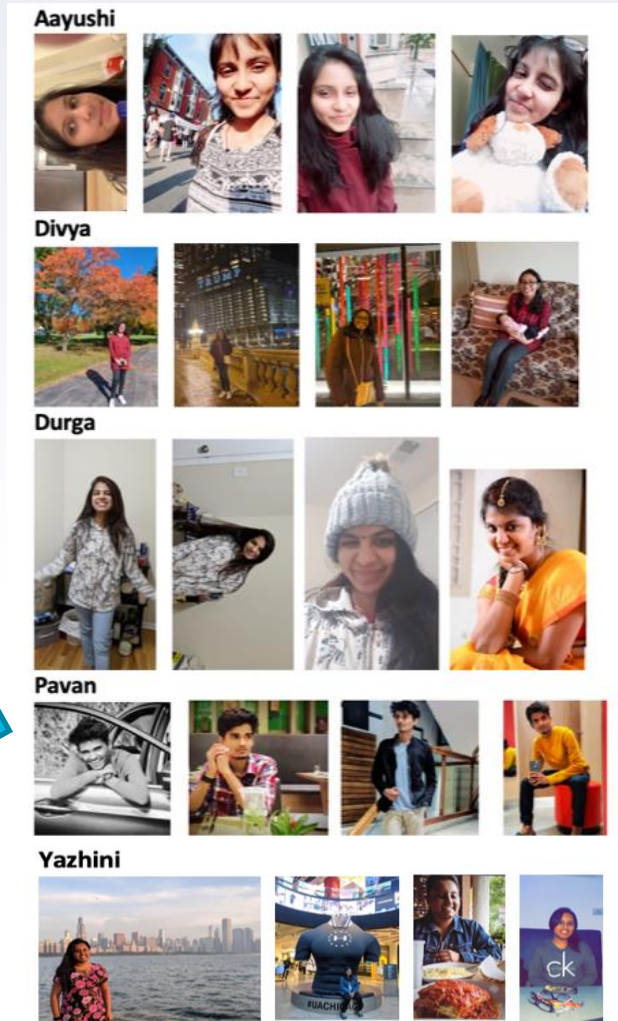
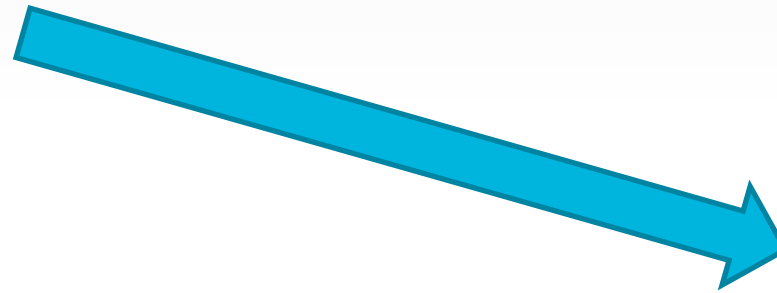
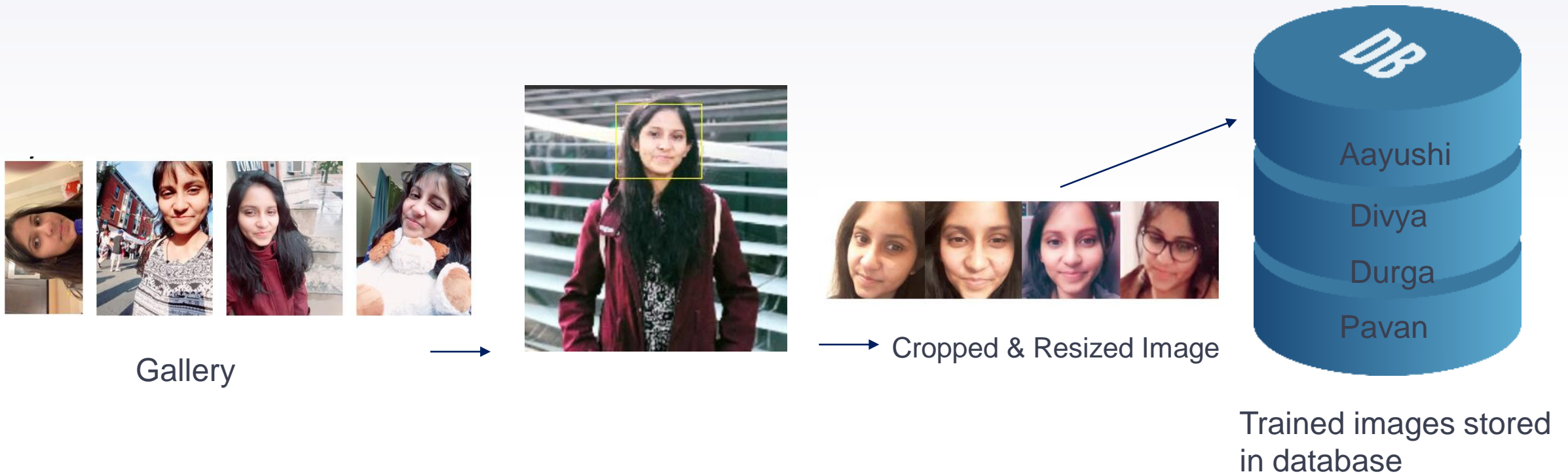


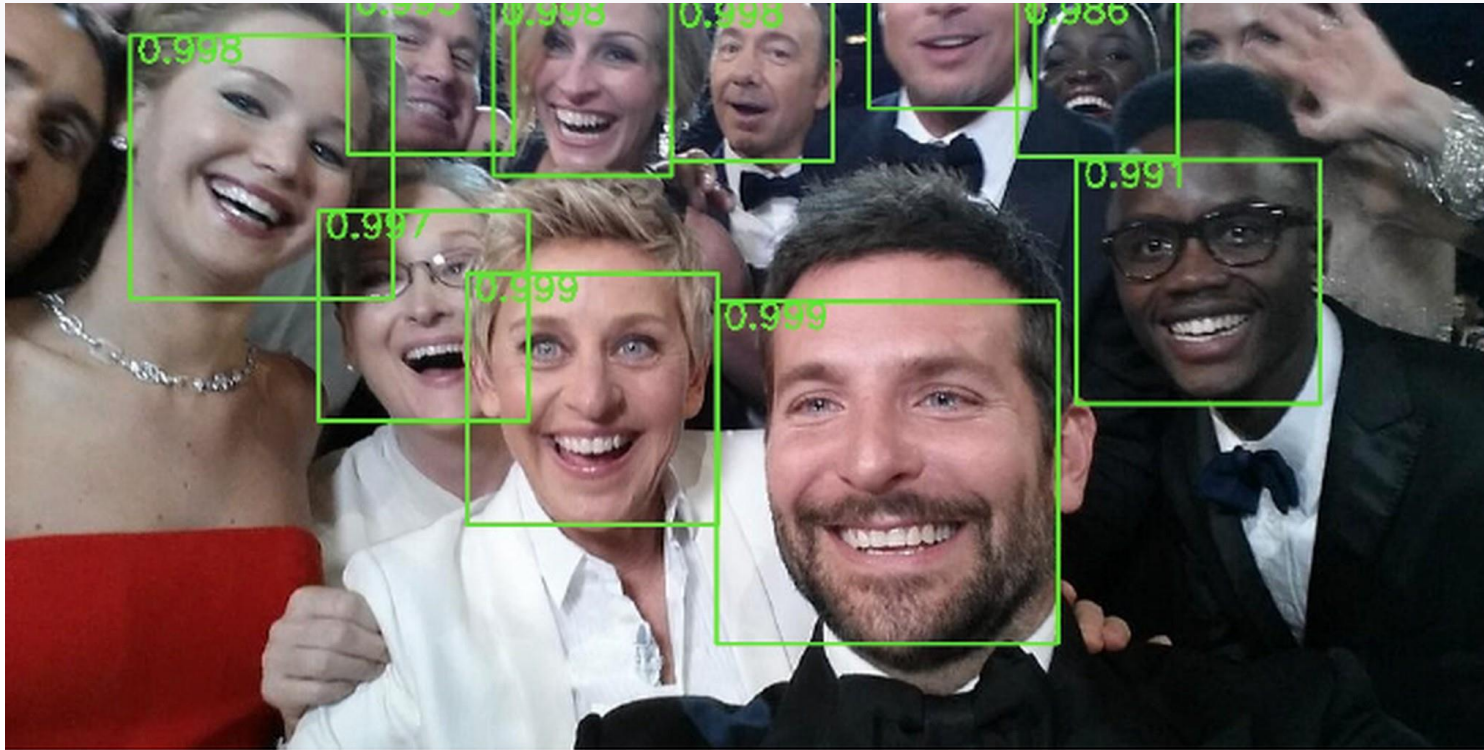
Photo Gallery

# Database Workflow



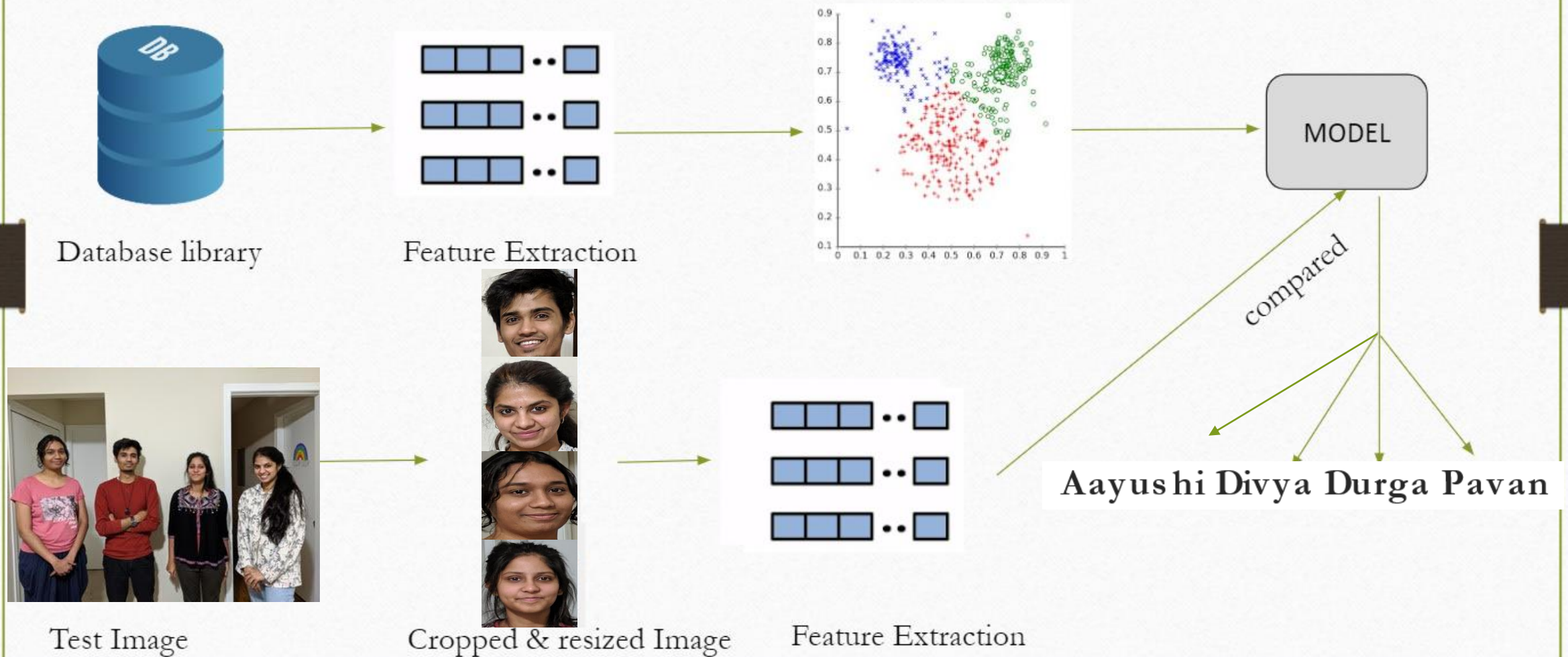
# Viola Jones Object Detection

- Speed
- Robustness
- Real Time

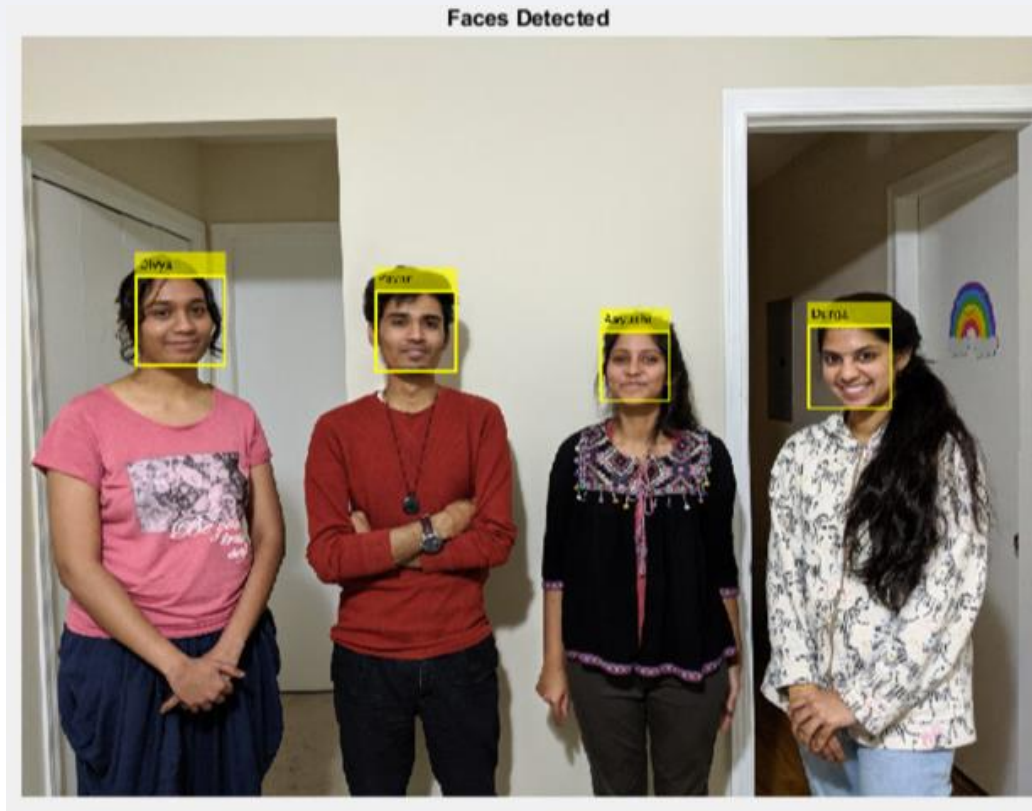




# Face Recognition Workflow



# Results



Aayushi	Divya	Durga	Pavan	Yazhini	
Present	Present	Present	Present	Absent	



# Conclusion

- Like with every technology facial recognition has its pros and cons.
- Pros - Improved security, High accuracy, Fully automated.
- Cons - Data storage, privacy.
- Areas of improvement - proxy attendance.



# THANKS!

