

# Facial Emotion Detector

**User Manual**

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# Acknowledgements

- **Thanks to:**
  - All the mentors who have taught me along the way
  - PYSimpleGUI website: helped me build my GUI
  - Parents
  - Cohort Members

# About Me..

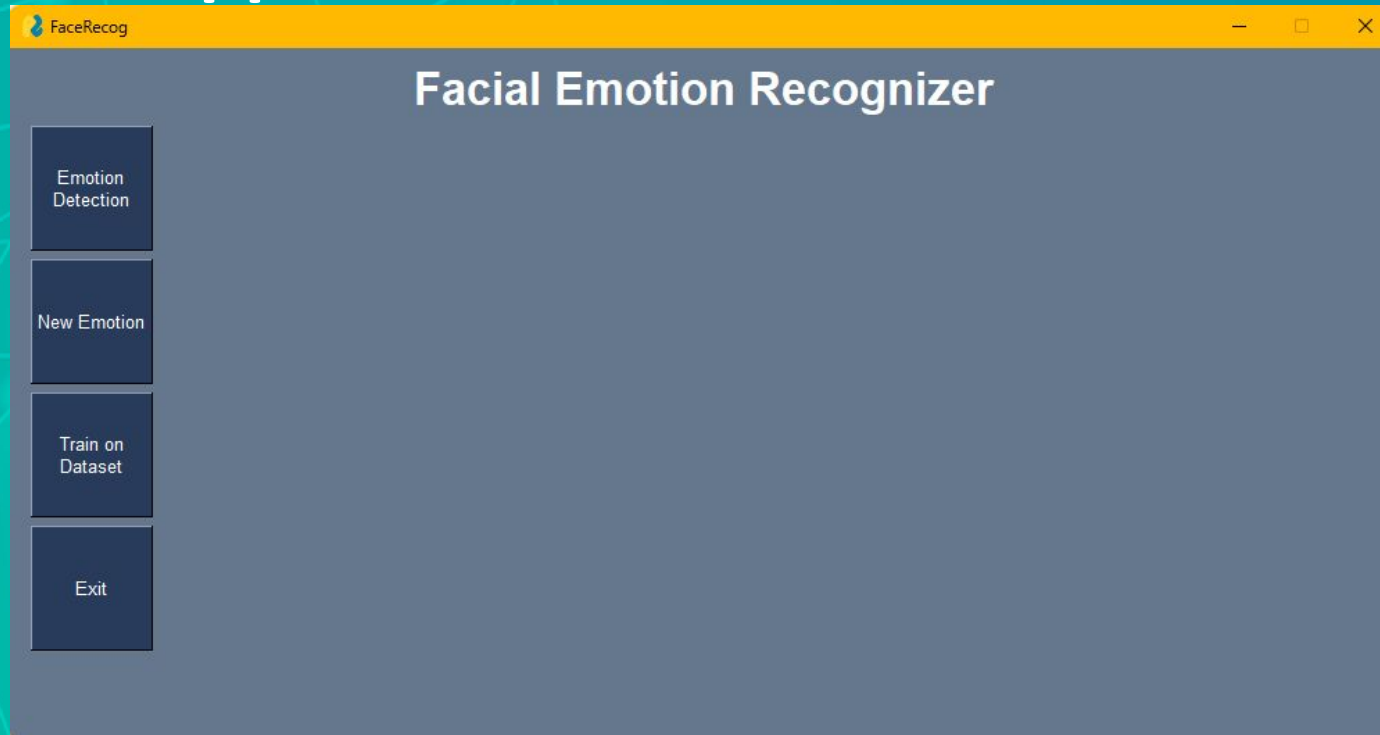
- **Name: Jai Barve**
- **Age:16**
- **Grade: 11**
- **Studying in  
Romania**
- **Enjoy  
programming and  
basketball**

# About My Internship Journey with Clevered..

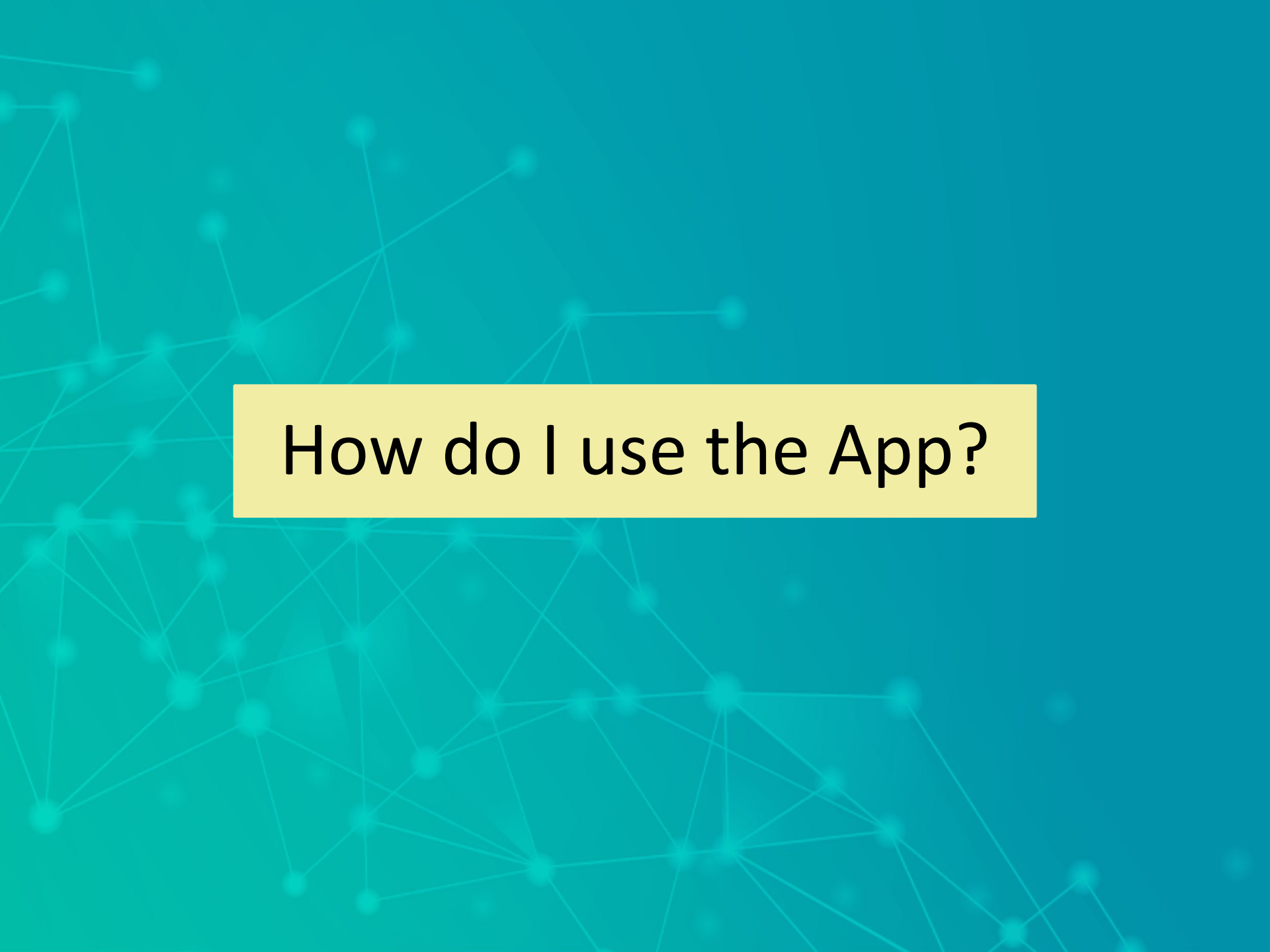
- **My experience with Clevered has been nothing but positive. All mentoring sessions have been useful and informative, questions are always answered and after class communication is prompt and to the point.**

# About App..

- App's Main Menu



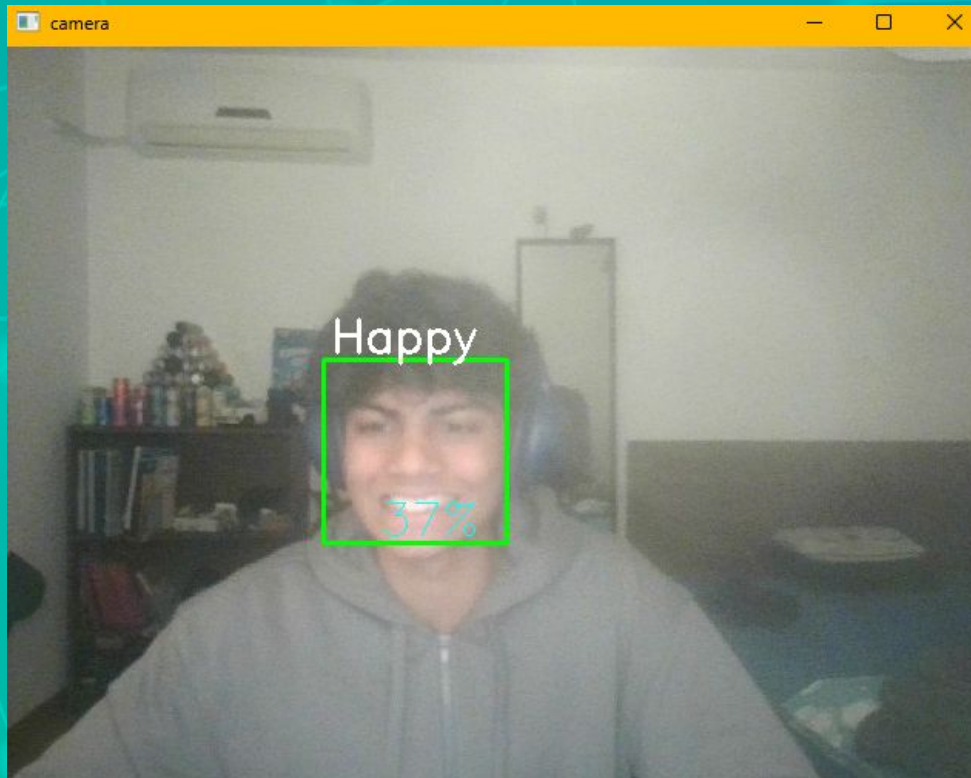
App introduction: A simple app that can detect the users emotions with the click of a button. The user must first add at least 4 emotion into the database.



How do I use the App?

# Emotion Detection

- Screenshot:

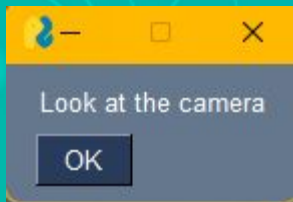
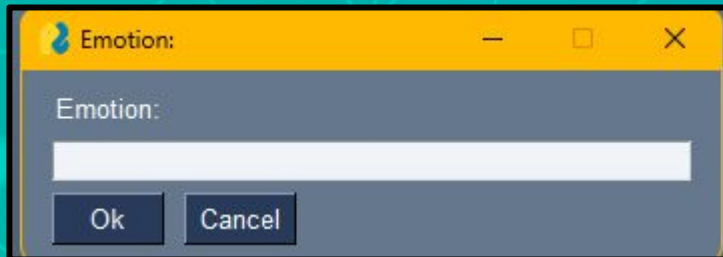


- Click the button labelled 'Emotion Detection'
- Wait for the pop-up to appear(takes 1-2 minutes)
- Make sure to have a web camera connected.



# New Emotion

- **Screenshot:**

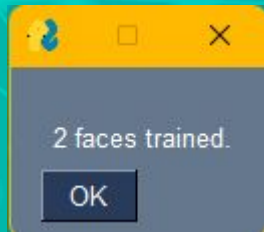
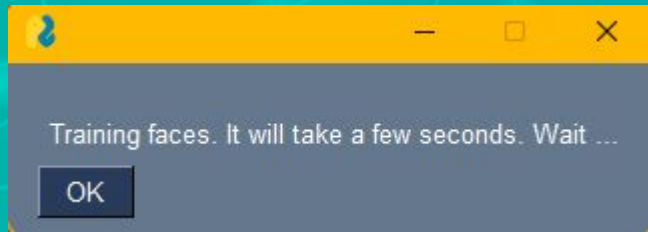


- Click 'New Emotion' button to add a new emotion to the training data
- A pop-up will appear asking the user to enter the name of the emotion
- Another pop-up appears asking the user to look into the camera
- After clicking 'OK' on the pop-up the data collection will begin.
- Make sure to have a web camera attached.



# Train on dataset

- **Screenshot:**



- Click the 'Train on dataset'
- This button trains the program on the photos in the dataset
- A popup will appear asking the user to wait
- After a while another popup will appear saying the training is done.

# Exit

- Screenshot:
- Click the 'Exit' button to exit the application.



# Demo Video

[https://drive.google.com/file/d/1KkOvkzuVrRQSyfmG4vjjRtBXSiYNoaSQ/view?usp=drive\\_link](https://drive.google.com/file/d/1KkOvkzuVrRQSyfmG4vjjRtBXSiYNoaSQ/view?usp=drive_link)

# Toolkit Walkthrough

**Conduct 1 minute quick walkthrough of App Development Toolkit Workbook and LinkedIn and Github launch of the App. Attach links here for quick access.**

# Contact Person

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The background is a solid teal color. Overlaid on this is a network of white dots connected by thin white lines. The dots are scattered across the frame, and the lines connect them in a non-uniform, web-like pattern, suggesting a network or data structure.

Thank you!