

Enhanced Object detection using python in AR

Dated on: 05.06.2021

ROOKIE

@TEAM -

* Akash
* Akshay
* Pradeep
* Deepak
* Chris

INDEX

Overview

Understanding the problems

Project objective

Target audience

Market trends

Cycle diagram

Project timeline 36 HOURS



Overview



Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory and olfactory.

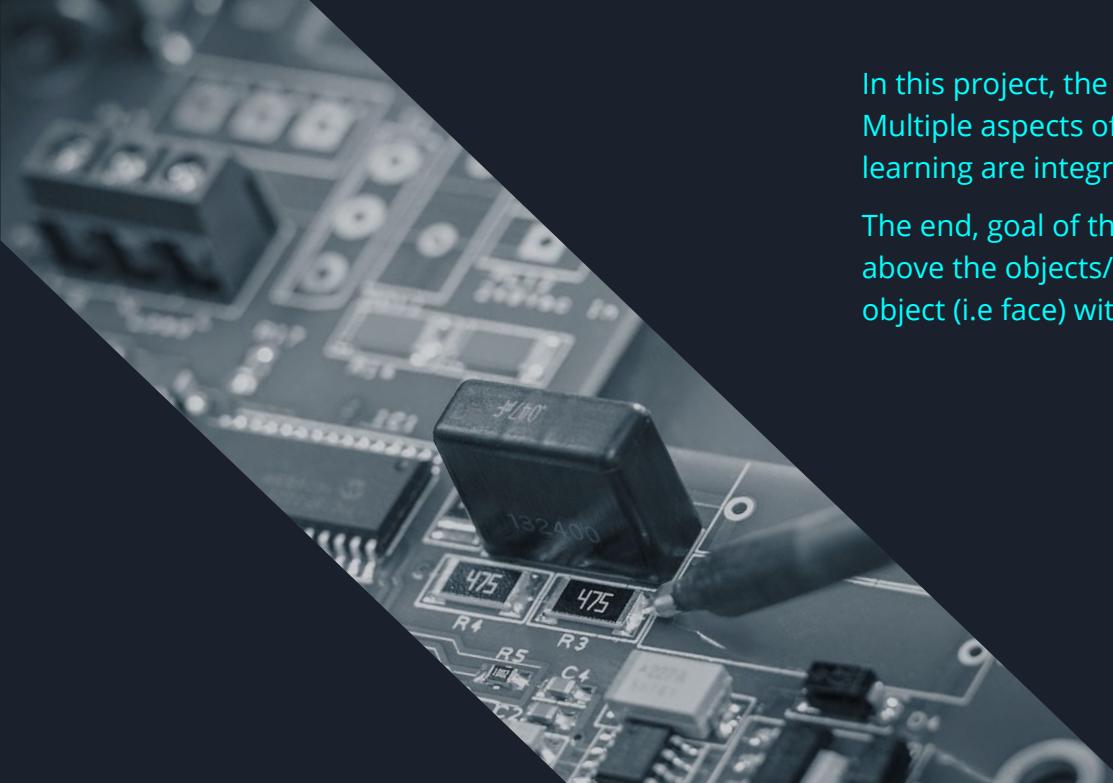


Understanding the problems

- 
- 01 Processing a live-stream video and tagging the faces
 - 02 Detection of name, the channel of youtube from Image
 - 03 Choose the target image by Marker-based tracking keep the object in position



Project objective

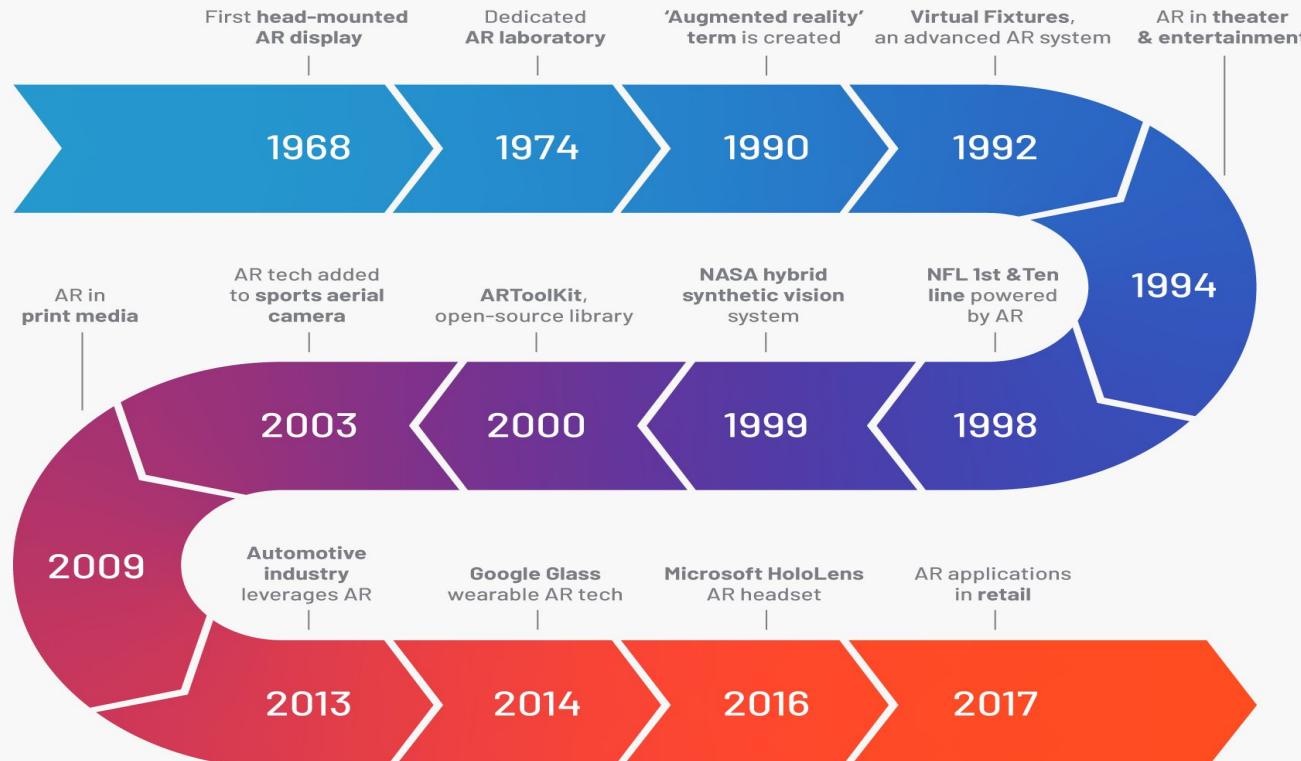


In this project, the concept of augmented reality is put in place. Multiple aspects of technologies like Python, OpenCV, Machine learning are integrated.

The end, goal of this project is to feature the videos over and above the objects/ images/ Person's-face and replace that object (i.e face) with the latest video on social media (youtube)

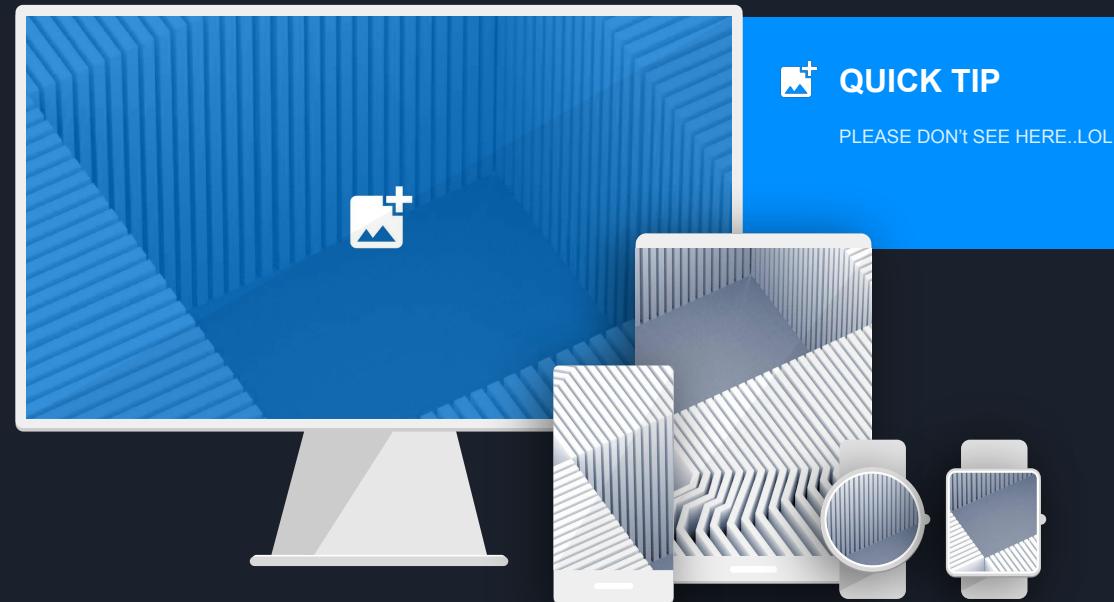


History of Augmented Reality



AUGMENTED REALITY

We have tools work across different devices



Market trends

UNITY AND MANY COMPANIES AS PER SPECIFICS, ARE DEVELOPING GAMING TECHNOLOGY.

Trends continue to go ahead.





QR CODE APPEARS IN SKY
OVER SHANGHAI



FUTURE AWAITS TO SEE THE ADS IN THE
SKY NOT ON THE TV SCREENS ANYMORE



Thank you!

Feel free to suggest, if any after this
meet.

