

AI & ML

Web Application For Object Identification

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AGENDA

INTRODUCTION

ABSTRACT

DESIGN FLOW

MODEL INFO

RESULTS

FUTURE SCOPE



INTRODUCTION

Object Detection is the process of finding and recognizing real-world object instances such as car, bike, TV, flowers, and humans out of an images or videos. An object detection technique lets you understand the details of an image or a video as it allows for the recognition, localization, and detection of multiple objects within an image.

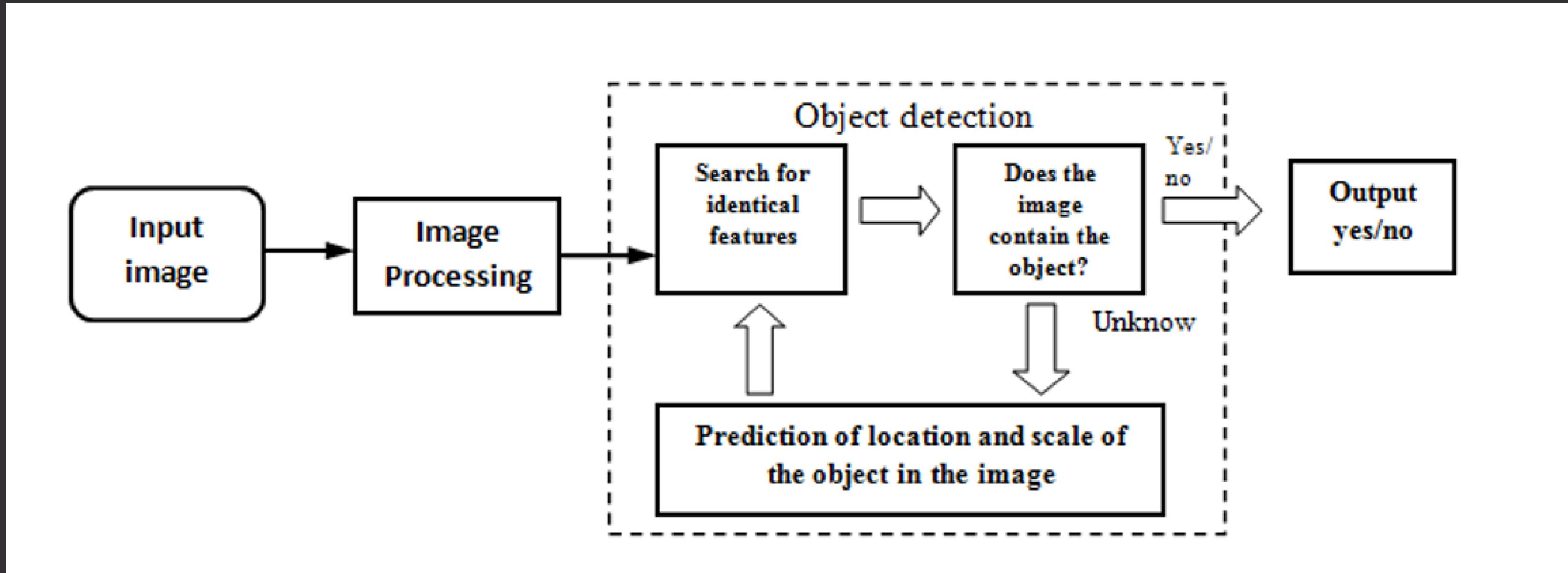


ABSTRACT

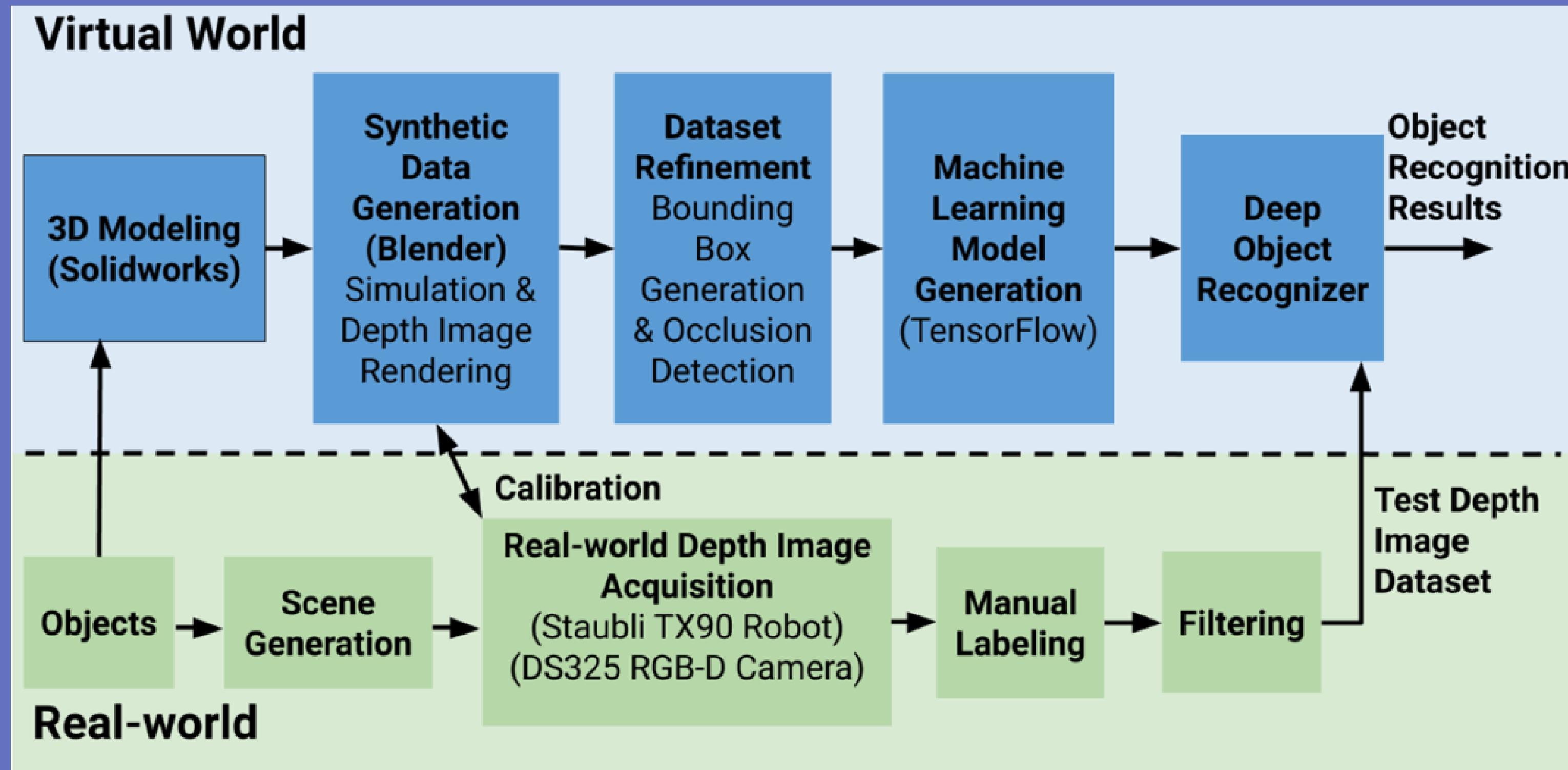
Real time object detection is a vast, vibrant and complex area of computer vision. If there is a single object to be detected in an image, it is known as Image Localization and if there are multiple objects in an image, then it is Object Detection. This detects the semantic objects of a class in digital images and videos. The applications of real time object detection include tracking objects, video surveillance, pedestrian detection, people counting, self-driving cars, face detection, ball tracking in sports and many more.



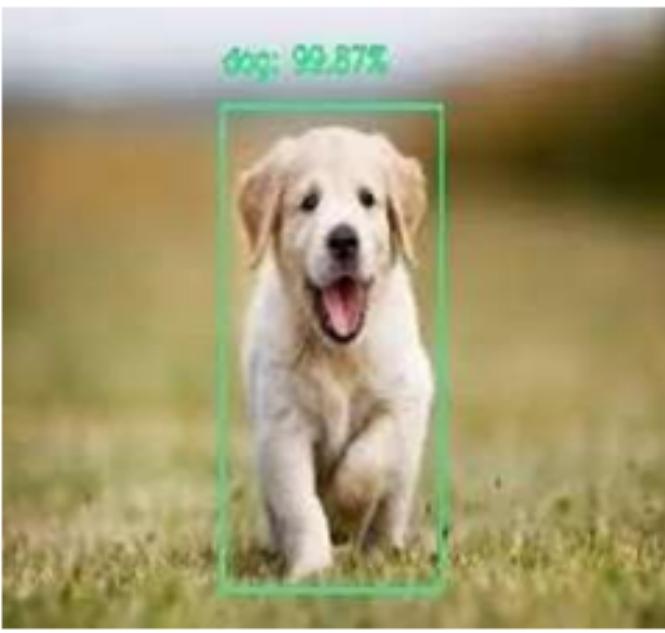
DESIGN FLOW



MODEL INFO



RESULTS



FUTURE SCOPE

1. Face detections and recognition:

Face detection perhaps be a separate class of object detection. We wonder how some applications like Facebook, Face app, etc., detect and recognize our faces. this is often a sample example of object detection in our day-to-day life. Face detection is already in use in our lifestyle to unlock our mobile phones and for other security systems to scale back rate.