

Purpose: The application aims to train and utilise segment anything model to create an application to educate kids on everyday object.

Explore the efficiency of segment anything model in recognising everyday object (fruits and colour)

Requirements:

1. The application have a login functionality
2. The application have a backend database that store enough images to achieve a 90% accuracy in recognising colour and fruits
3. The application have a functionality that allows user to upload new images and tags after logging in
4. The application have a function to store a % confidence for every object it recognises
5. The application have an interface that is suitable for kids
6. The application workable for both android and ios
7. The application must be able to turn on the camera of the phone to detect the object
8. The application must be able to announce the object both visually and audibly (For visually impaired users)
9. The application should ensure scalability to include other categories in future