**Lensify**

(Google Lens Alternate)

**Working of Lensify:**

A black screen with white text

Description automatically generated

**Idea:**

* The effectiveness of Lensify depends significantly on the quality of its feature extractor. The more discriminative the inter-class features are, the more effective Lensify will be.
* It is an open-ended problem therefore more the number of classes during training, more effective feature extractor will be.

Approaches:

1. CNN based feature-extractor
2. Yolo based feature-extractor
3. Transformer based feature extractor
4. Autoencoder based feature extractor
5. Segmentation mask + CNN based feature-extractor
6. Attention based feature extractor