Water weed detection

A KLH project

Preface :

* Our project is mainly based on weed detection.
* We are going to implement using python.
* Our output only detects the weeds only in water and calculates the weed percentage and its values.
* We are going to do this program using python and the source is VSCODE.
* Our front end is being created using HTML.

Future projects : The future project is that to detect all types of weeds and to work In a real time based project where Telangana government is working on.

Code explanation :

In this code we will take some modules which will support the video / image detection methods .

1. Pre-process : In this pre-process it will just modify the image like it will set the size of the image , blurness i.e, clarity of the image , and all hsv scales are applied .
2. Creating mask : Creating mask means just after detection we have to select the particular pixel we want for and select / or just creating a mask on that pixels . Also we can set the pixel size too.Masking also includes noise reduction and other features too.
3. Transformation : it can be converted from one domain to another .