Project: Crop & Weed Detection Model

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Client: Andrew Debbarma

* ~~Model Development:~~
* A deep learning model was built to detect weeds in crop images.
* The model was trained on over 5,000 images using data augmentation to handle different lighting conditions.
* It shows high accuracy with Precision ~0.95 and Recall ~0.93.
* ~~Testing & Results:~~
* The model has been tested on both the training dataset and new images, showing robust performance.
* ~~Integration:~~
* The model has been integrated into a website running locally.
* All code and progress documents are stored in a shared Google Drive folder.
* ~~Working on cost estimation and growth pattern analysis.~~
* A custom cnn model was built for this
* The model was trained on over 9000 images using data augmentation
* It shows high accuracy with Precision ~0.88 and Recall ~0.86.
* ~~Added docker support so it can be deployed or used by anyone~~