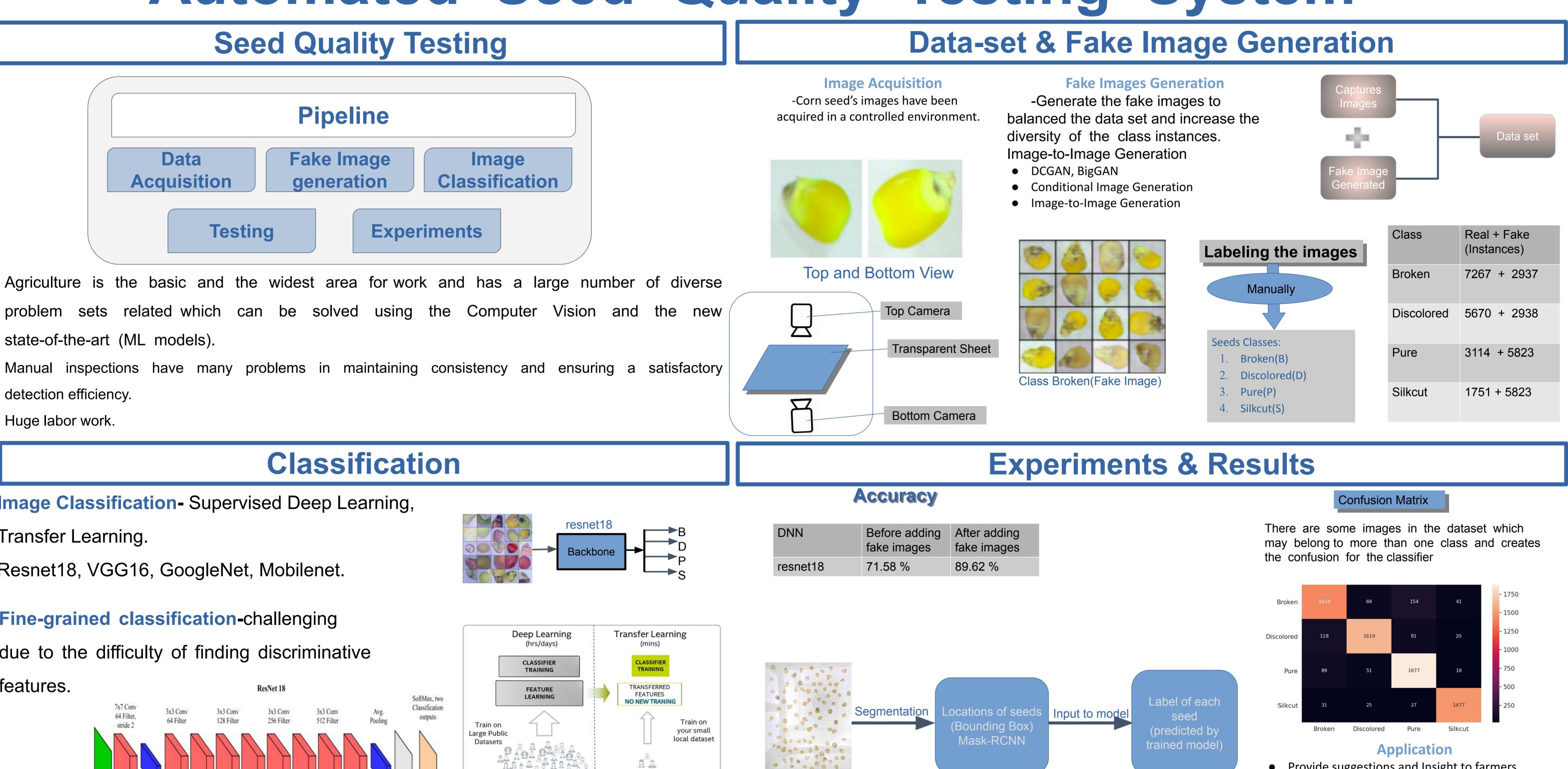


# Automated Seed Quality Testing System



state-of-the-art (ML models).

detection efficiency.

Huge labor work.

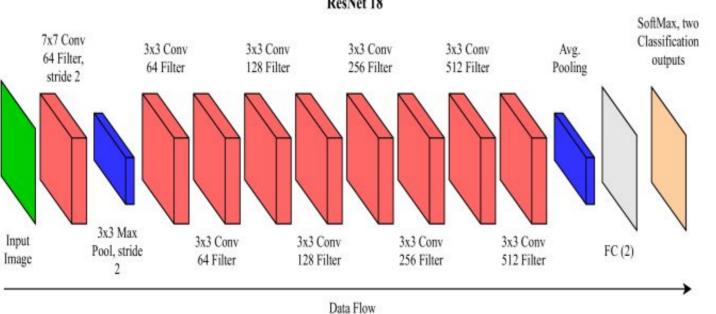
### **Image Classification-** Supervised Deep Learning,

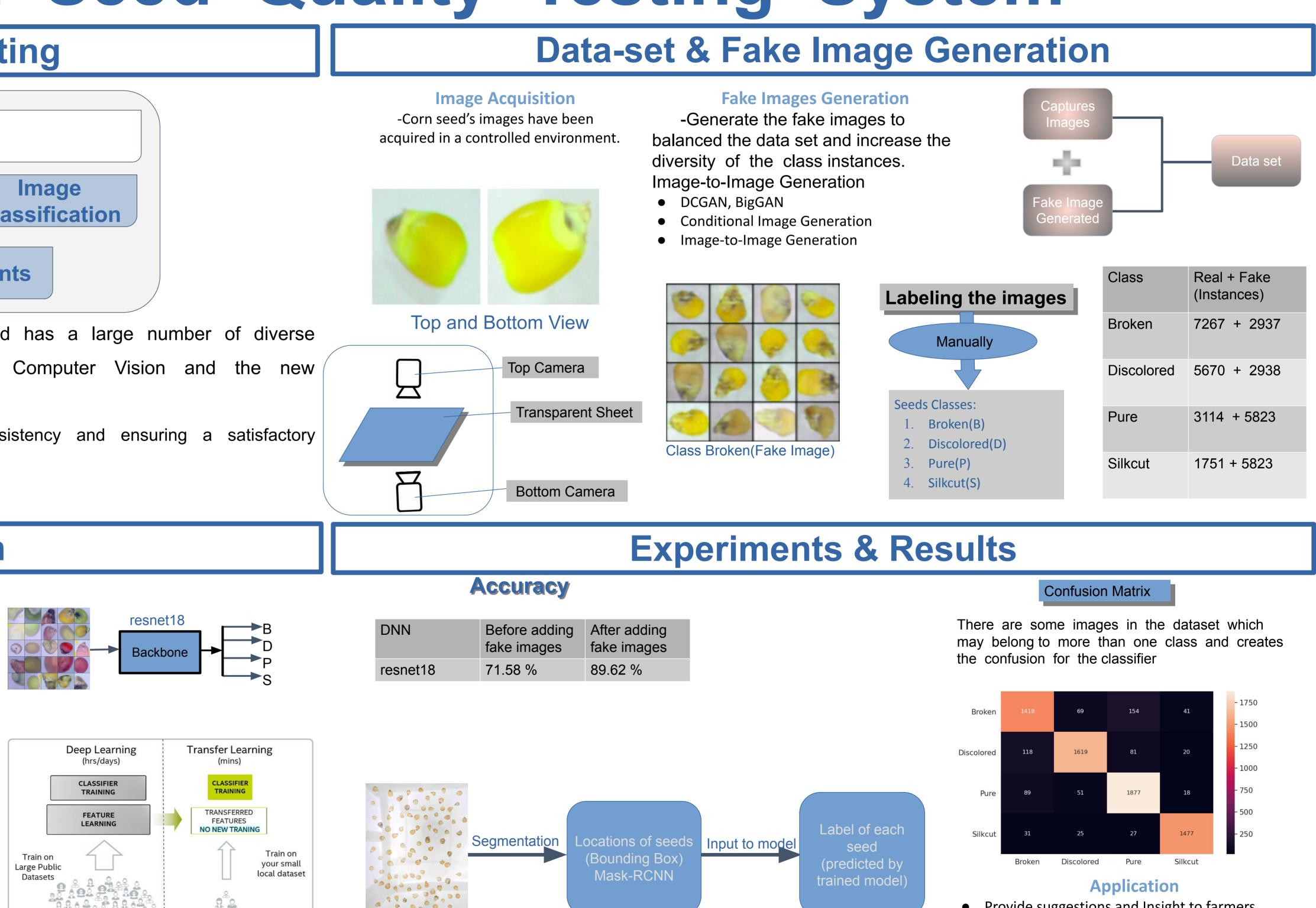
Transfer Learning.

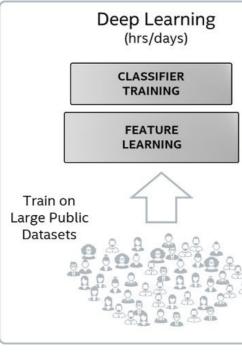
Resnet18, VGG16, GoogleNet, Mobilenet.

**Fine-grained classification-**challenging

due to the difficulty of finding discriminative features.









Prediction of labels for the sack of seeds image

R&D SH WCASE 2021

- Provide suggestions and Insight to farmers.
- Agricultural Automation.
- Monitoring growth of crops.
- Classification and quality inspection of agricultural products.

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