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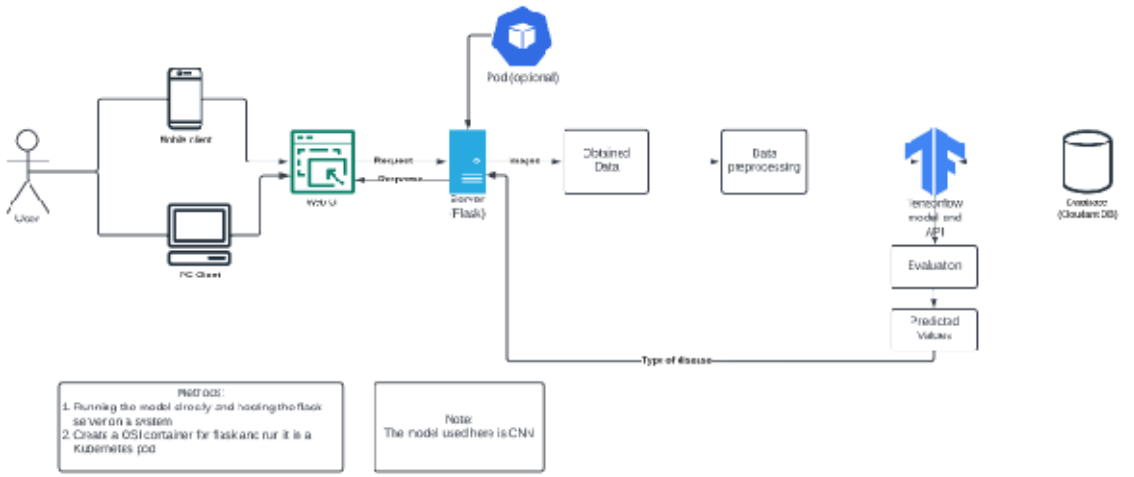
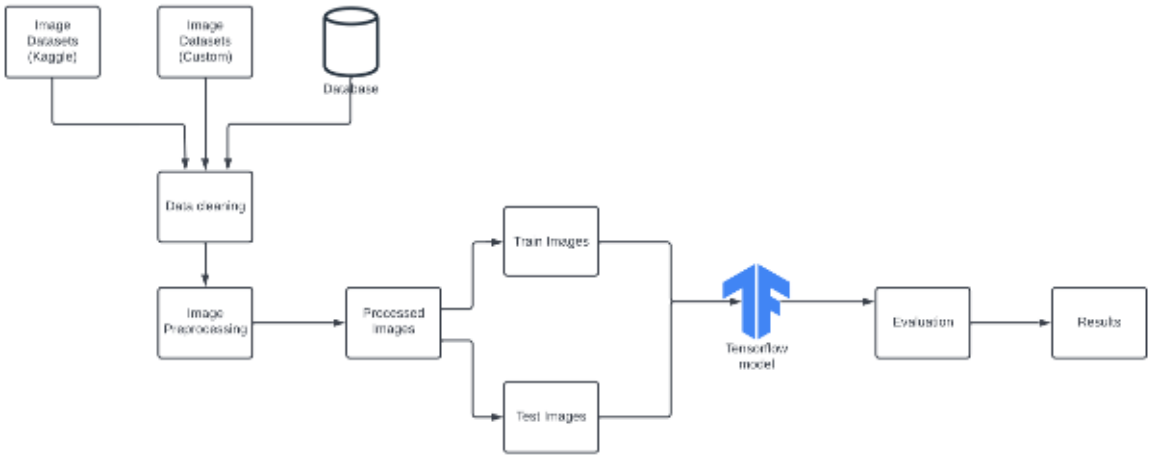
Project Design Phase-I
Solution Architecture

Date	19 October 2022
Team ID	PNT2022TMID03664
Project Name	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	4 Marks

Solution Architecture (For Web App and Trained TF model):



Solution Architecture (For TF model):



Notes:

- The weights of the model after training are made to be saved using HDF5 file (option is present in Keras API)
- The HDF5 file saved can be made to link with the TF API to train from the point where it was trained, this saves time and avoids the need to train again
- Kubernetes pod mentioned in diagram is optional as it needs Docker or OCI Image of the proposed web app to perform well

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