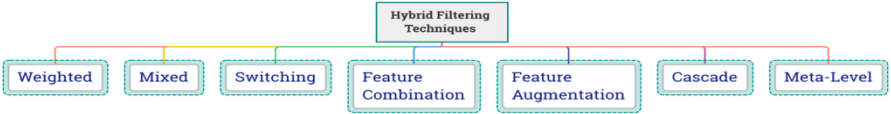


## Project Design Phase-I Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project – xxx
Maximum Marks	2 Marks

### Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Various segmentation algorithms can be implemented to improve accuracy. The proposed algorithm can be modified further to identify the disease that affects the various plant organs such as stems and fruits.
2.	Idea / Solution description	The proposed method uses SVM to classify leaves, identify the disease and suggest the fertilizer.
3.	Novelty / Uniqueness	It will help the farmers to agriculture the product.
4.	Social Impact / Customer Satisfaction	Agriculture is the mainstay of a rising economy in India. Traditionally farmers followed ancestral farming patterns and norms. However, a single farmer cannot be expected to take into account all innumerable factors that contribute to crop growth.
5.	Business Model (Revenue Model)	 <pre> graph TD     A[Hybrid Filtering Techniques] --&gt; B[Weighted]     A --&gt; C[Mixed]     A --&gt; D[Switching]     A --&gt; E[Feature Combination]     A --&gt; F[Feature Augmentation]     A --&gt; G[Cascade]     A --&gt; H[Meta-Level] </pre>
6.	Scalability of the Solution	Usually we divide the amount of fertilizer in grams per hectare by the plant population to get the amount of fertilizer in grams per plant.