

DATE	<b>4 NOVEMBER 2022</b>
TEAM ID	<b>PNT2022TMID00530</b>
PROJECT NAME	ESTIMATE THE CROP YIELD USING DATA ANALYSTS
MAXIMUM MARKS	4 MARKS

TECHNOLOGY	<ul style="list-style-type: none"> <li>* <b>Robots</b></li> <li>* <b>Temperature and moisture sensors</b></li> <li>* <b>Aerial images</b></li> <li>* <b>GPS technology</b></li> </ul>
BUSINESS PROBLEM	<p>*<b>Cope with climate change, soil erosion and biodiversity loss.</b></p> <p>*Satisfy consumers' changing tastes and expectations. Meet rising demand for more food of higher quality.</p>
DATA COLLECTION	<p>*Data collection <b>allows for farmers to approach conservation at a landscape-scale, versus at the farm or even the county level.</b></p> <p>* The more information growers have, the better the opportunities to work together with others at a watershed-scale to make informed decisions about conservation priorities</p>
CUSTOMER FEEDBACK	<ul style="list-style-type: none"> <li>* Farming is Good for Your Health.</li> <li>* Being a Farmer is Challenging and Stimulating Work.</li> <li>* It Provides a Source of Income in Rural Areas.</li> <li>* Farm Work Helps Develop Younger Generations.</li> <li>* Farming Can Help the Environment Thrive.</li> </ul>

## Example - Solution Architecture Diagram:

