Diagrams :

Name of Applicants: Pooja Kumbhar, Pranjal Desai, Dhanashree Kasar

Sheet No: 1

No. of Sheets: 5
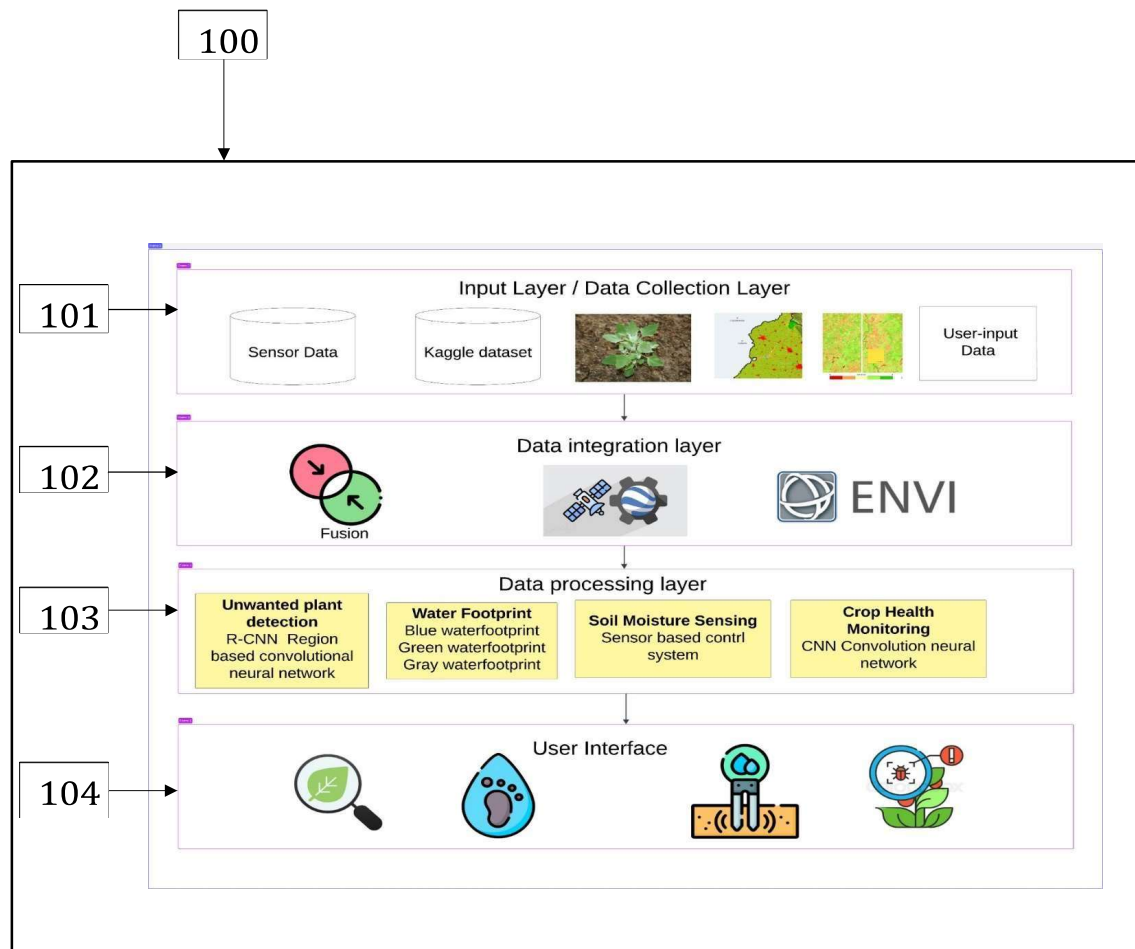

Fig 1. System Architecture for Agrosense

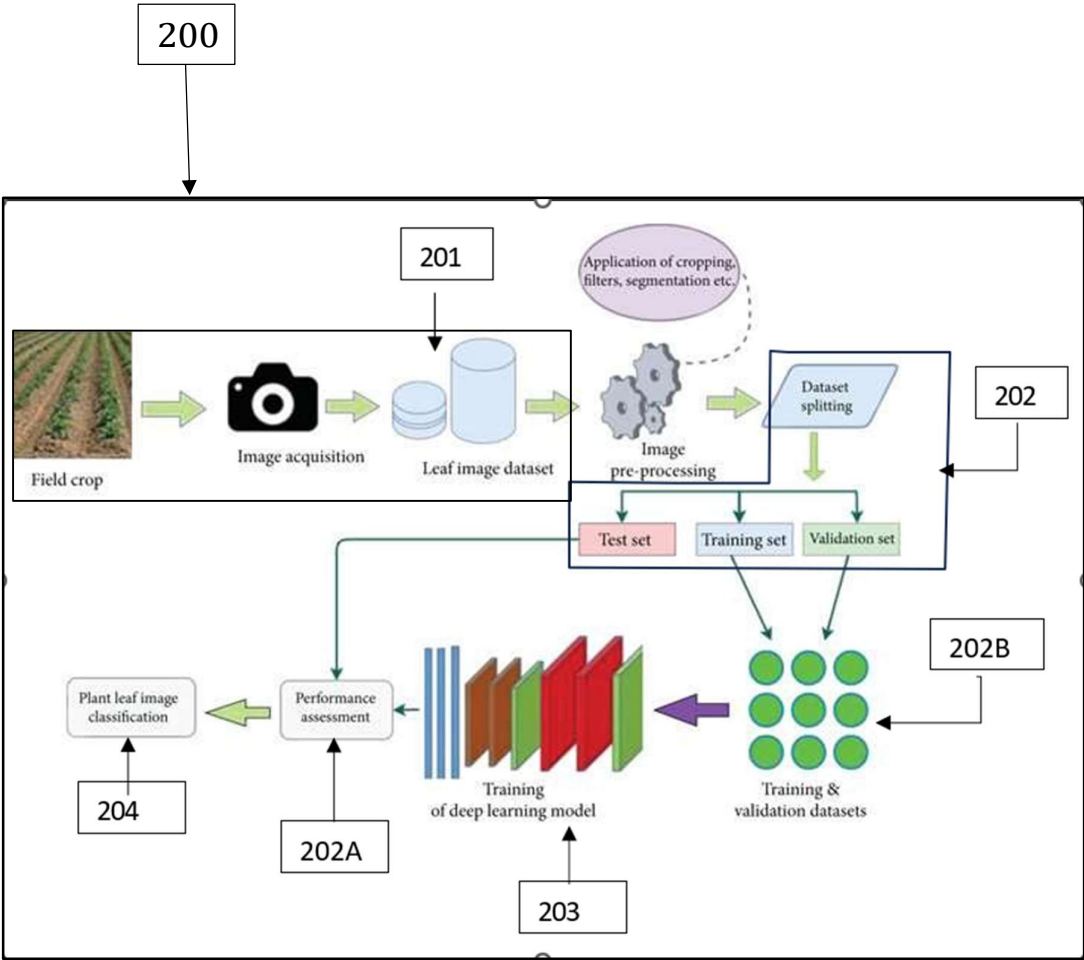**Name of Applicants:** Pooja Kumbhar, Pranjal Desai, Dhanashree Kasar

Fig 2. Interface of Crop Health Monitoring

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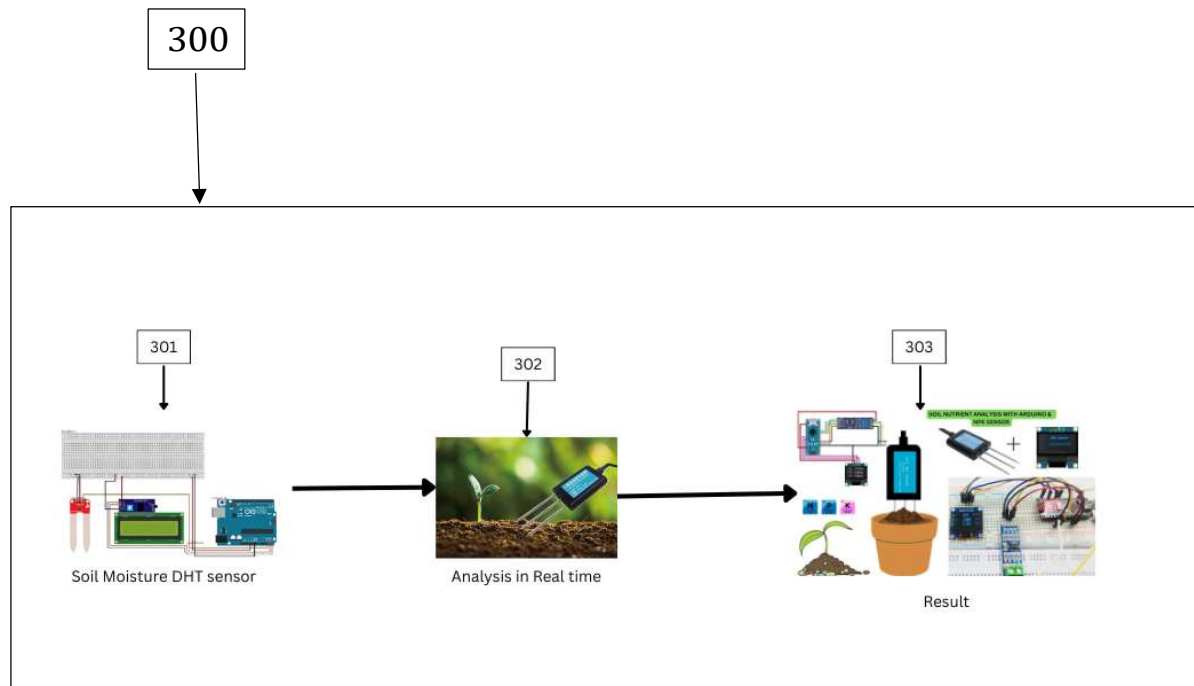
Sheet No: 3

No. of Sheets: 5

Fig 3. Interface of Soil Moisture Unit

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400

Input Unit

401A

401   User   →   Inputs Data

Result Unit

Calculate Total Water Usage   →   Display Water Usage Data   →   Provide Recalculate   ←   403
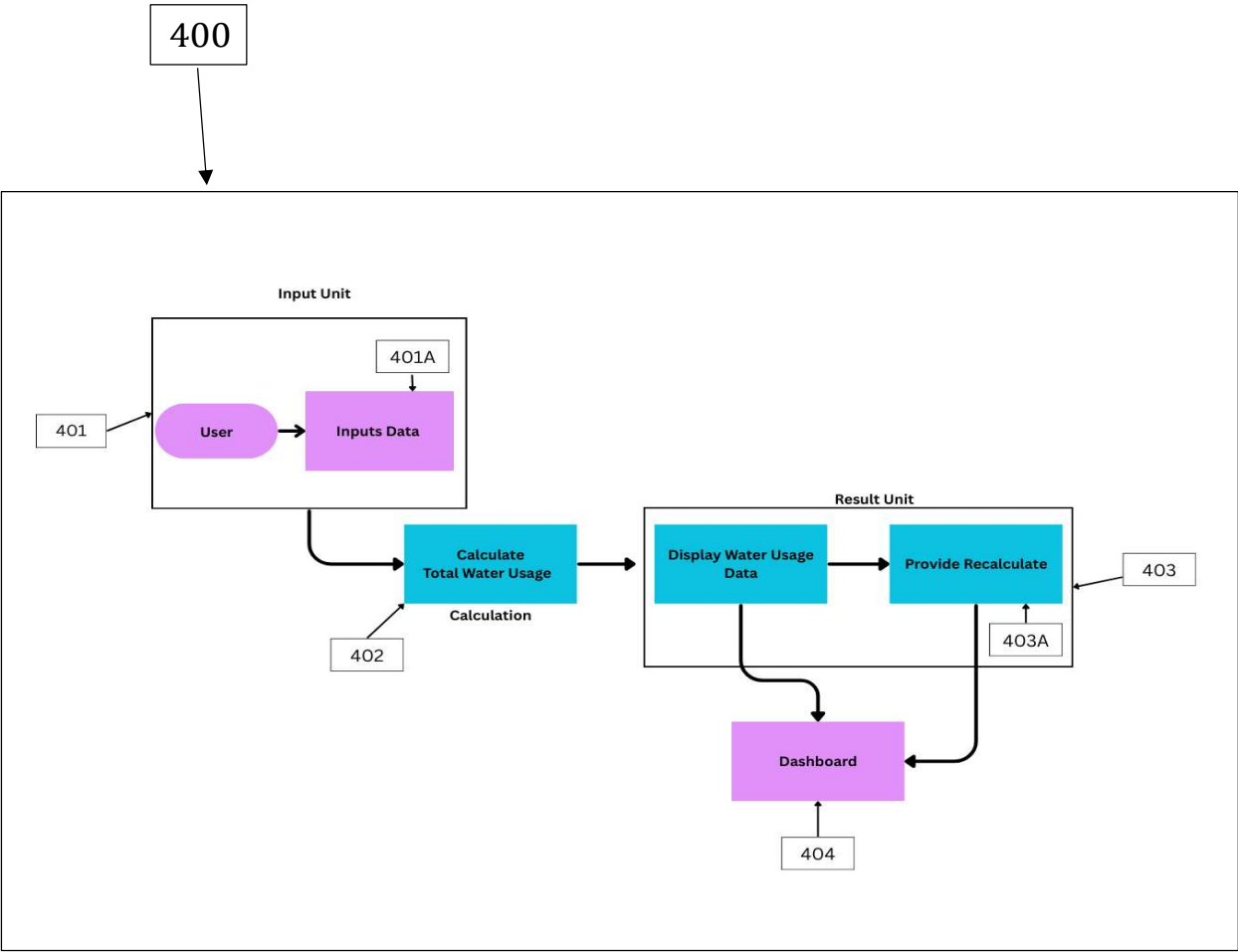
Calculation

402   403A

Dashboard

404

Fig 4. Interface of Water Footprints Calculations

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Sheet No: 5

No. of Sheets: 5

500

501 → Data Provider

Provides Dataset

502 → Weed Detection System

Retrives · Process · Classifies · Displays

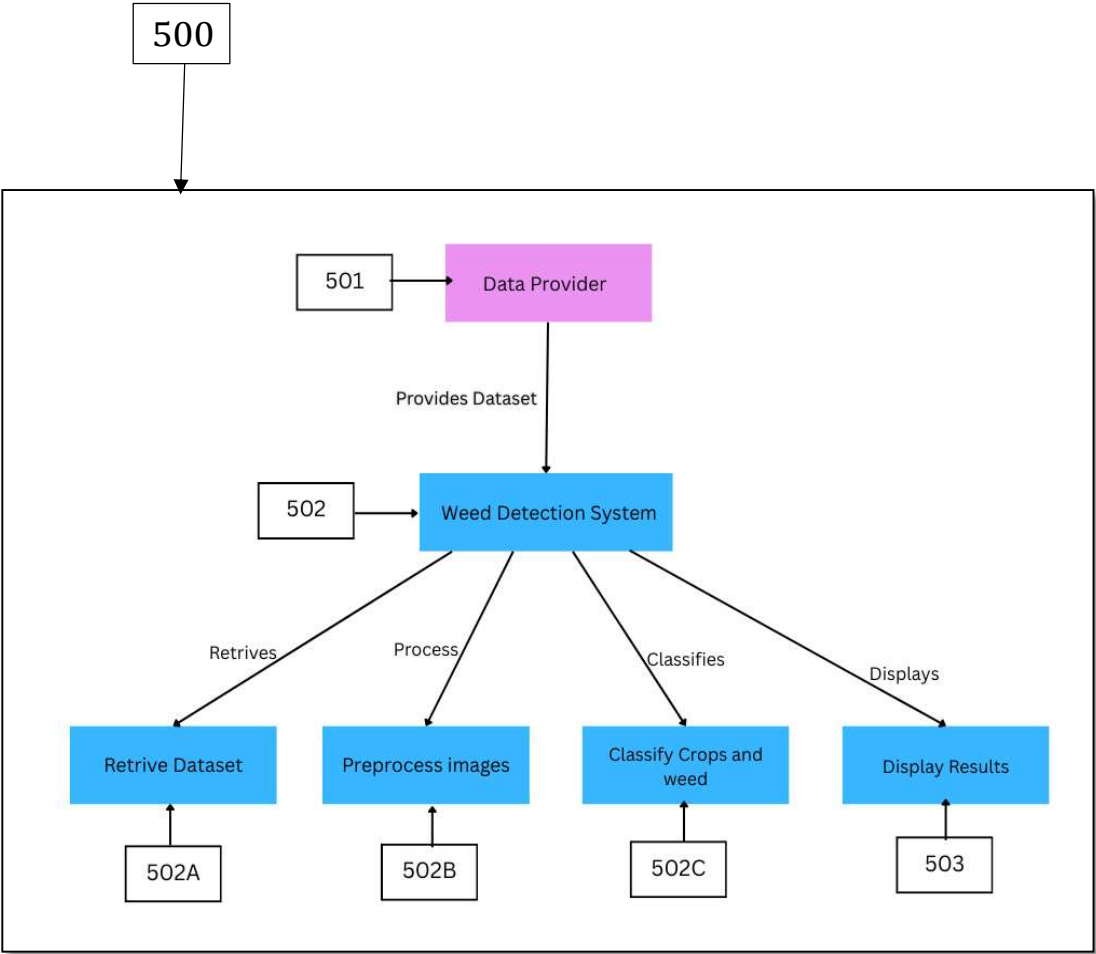| Retrive Dataset | Preprocess images | Classify Crops and weed | Display Results |

502A · 502B · 502C · 503

Fig 5. Interface of Weed and Crop Detection