

GrowMap

Personal assistant for planning and analyzing plantings

Garden and balcony focus

Interactive maps, weather advice, analytics

Problem and goal

Keep track of plantings and care in one place

Avoid mistakes with weather-based advice

Analyze watering and harvest efficiency

Level 1 (mandatory)

Auth: register/login, private maps and plants

Interactive 2D map (SVG) with object info

Plant catalog with requirements

Weather API recommendations (not raw data)

Single analytics page (charts + summary)

Level 2 (bonus)

Plant compatibility warnings when nearby
Harvest logging with efficiency vs average
Action history: watering, planting, harvest

Level 3 (optional)

LLM explanations only (no calculations)

Not used in current implementation

Rule-based insights are primary

Tech and demo flow

Flask + SQLite + SVG + Chart.js

Create map -> add plants -> log actions

Weather advice -> analytics charts

Result: clear plan and accountability