**Part II: Breaking Down User Stories**

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| Level | Definitions |
| Theme | Seamless and Smart Plant Care |
| Initiative | Enable automatic watering for plant |
| Epic | Develop an intelligent plant watering system based on real-time soil moisture data |
| User Story 1 | As a plant owner, I want the system to automatically water my plant based on soil moisture |
| Scenarios | * soil is dry, the system automatically activates watering * soil moisture is adequate, the system does not water * If the water reservoir is empty, the system notifies |
| Tasks | * Integrate soil moisture sensor with the device * Develop logic for watering decision based on sensor data * Notifications for watering activity and low water levels * Test watering functionality with various soil types and plants * Calibrate moisture thresholds for different plant species * Weather variation detection |

Use the provided blank template to create a hierarchical overview of the project. Organize the work to support the two user stories from the case study, breaking down each component from broad themes to specific tasks. This will help structure the project and ensure alignment with the user stories.

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| Level | Definitions |
| Theme | Proactive Plant Health Management |
| Initiative | Deliver actionable insights to users for healthy plant growth |
| Epic | Develop a monitoring system that tracks environmental conditions affecting plant health |
| User Story 2 | As a plant owner, I want to see real-time plant health metrics so I can ensure my plant is getting enough light, water, and warmth. |
| Scenarios | * All sensor readings are optimal, app shows "Plant is healthy" * Light is too low, app suggests moving plant to brighter location * Sensor failure occurs, app alerts user to check sensor or connection |
| Tasks | * Integrate sensors for soil moisture, temperature, and sunlight * Develop app interface for visualizing plant health data * Implement alerts for abnormal or missing data * Create care recommendations based on environmental readings * Test feature reliability under varied environmental conditions |