## 1b.ii: Detailed Paragraph (Friendly, Simple)

The plan is a clever schedule that gets the job done quickly. **Worker 2** focuses on a specific route through four zones for most of the **Scouting** and **Grapevine ID** tasks, while **Worker 1** follows a separate path to complete the rest of the **Scouting** work, ensuring no plant is missed. In parallel, **Robot 1** and **Robot 2** act as our lab assistants, dividing and conquering all the **Soil Analysis** tasks across the vineyard. To choose the perfect plan, the system uses the **Pareto Front**. This front is simply a list of plans that give you the **best chance of success** for the **lowest possible cost**, helping us spend our budget wisely. Because we have to hit a **91% chance of success**, we picked **Solution ID 15**. This plan gives us a safe **91.6% success chance** for a cost of just **37.10 units**. We made it this safe by giving the most difficult tasks—like the **Soil Analysis** at l5 and l9—many **extra chances** to run correctly (9 and 8 retries), plus **3** extra tries for the **Scouting task at l4**.