**1ai: Detailed List ( Structured)**

1. **The Construction Crew's Plan**
   1. h1 (The Human Electrician): This worker starts in Room H to do all the Electrical work. They then move to Room D and finally Room E to finish the Plumbing installation tasks.
   2. r1 (Robot 1): This robot travels from its start in Room B straight to Room F to prepare the Foundation.
   3. r2 (Robot 2): This robot travels from its start in Room C straight to Room G to prepare the Foundation.
   4. r3 (Robot 3): This specialist robot starts by doing Finishing work in Room J. It then moves to Room I to complete the final Finishing job.
2. **What is the Pareto Front?**
   1. The Pareto Front is simply a list of the absolute best choices for our project. It shows us every perfect balance between two important goals: getting the highest possible Success Chance for the lowest possible Cost. It's like finding the best quality item for the cheapest price. If a solution is on this list, you can't find another that is both cheaper and safer.
3. **The Best Solution for a Safe Project (92% Goal)**
   1. We need the project to have at least a 92% chance of working perfectly.
   2. The smartest solution is Solution ID 7. It gives us a 92.1% safety rating for the lowest possible cost of 48.732 units.
   3. We made this plan safe by giving the trickiest jobs extra attempts:
   4. The Finishing work in Room I gets 5 chances to succeed (the maximum possible).
   5. Both Foundation preparation jobs get 3 chances each.