

Task Name

Senior Project

Research Phase

- Define Project Scope
- Literature Review
- Requirements Gathering
- Problem Statement

Design Phase

- Scope and Goal Setting
- Prepare Project Hypothesis
- Cost Estimation
- Hardware Acquisition

Development Phase

- Hardware Sourcing
- Hardware Design
- Software Design
- Establish Pre-Prototype
- Redesign Prototype
- Hardware Implementation
- Software Implementation
- Identifying Risks

Deployment Phase

- Device Calibration
- Data Collection
- Data Preprocessing
- Performance Analysis of RefinAir
- Implement Prediction Model
- Prediction Model Improvement
- Prediction Model Comparison
- Project Finalization

Documentation Phase

- Prepare Diagrams
- Prepare Project Analysis
- Summarize Project Report
- Determine Challenges Faced
- Compile Project Report
- Documentation Finalization

