**Phase 4: Project Planning(Agile Methodologies):**

**Objective:**

* Break down the tasks using Agile methodologies

**Key Points:**

**1.Sprint Planning &Task Allocation:**

Nasiruddin Sayyad :Report making

N Dilsha Begum : Report making

N Himasree : Project Development(Frontend) ,ppt making

N Dharmesh : Project Development(Backend), ppt making

**2.Milestones & Timeline:**

* Day 1: Finalize project idea, define objectives, and assign team roles
* Day 2: Collect and download dataset from Kaggle (recyclable & non-recyclable waste)
* Day 3: Preprocess data (resize images, label, normalize, split into train/test sets)
* Day 4-5: Train the machine learning model and evaluate accuracy
* Day 6: Develop the frontend using HTML (upload feature)
* Day 7: Integrate the trained ML model with the backend
* Day 8: Test end-to-end functionality, fix bugs, and refine the UI
* Day 9: Evaluate final results, take screenshots, and prepare project output
* Day 10: Create and finalize the PowerPoint presentation & report for demonstration