**Transforming waste management with transfer learning**

An **Epic** is a **big task or project** that is too large to complete in one sprint. It is broken down into **smaller tasks (stories)** that can be completed over multiple sprints.

A **Story** is a small task . It is part of an **Epic**.

A **Story Point** is a number that represents how much effort a story takes to complete. (usually in form of Fibonacci series)

1. Very Easy task
2. Easy task
3. Moderate task
4. Difficult task

**Sprint 1: (5 Days)**

Data Collection

Collection of Data **2**

Loading Data **1**

Data Preprocessing

Handling Missing Values **3**

Handling Categorical values **2**

**Sprint 2 (5 Days)**

Model Building

Model Building **5**

Testing Model **3**

Deployment

Working HTML Pages **3**

Flask deployment **5**

**Total Story Points forming waste management by enabling efficient and accurate waste classification and sorting, especially with the use of Convolutional Neural Networks (CNNs). Pre-trained models, like MobileNetV2 and others, can be adapted with transfer learning to recognize and categorize waste materials with high accuracy using relatively small datasets. This approach reduces the need for extensive labeled data and training time, making it a practical solution for improving waste recycling and reducing environmental impact.**

Sprint 1 = 8

Sprint 2 = 16

Velocity= Total Story Points Completed​/ Number of Sprints

Total story Points= 16+8 =24

No of Sprints= 2

**Velocity** = (16+8)/2= 24/2

12 (Story Points per Sprint)

**Your team’s velocity is 12 Story Points per Sprint.**