# Planning Logic: Fabric Pattern Classification Using Deep Learning

A Sprint is a fixed period during which a team completes a set of tasks.  
An Epic is a large task divided into Stories.  
A Story is a manageable task, estimated using Story Points (Fibonacci series).

## Sprint 1: (5 Days)

* Data Collection

1. Gather fabric images from various sources 2
2. Organize data into labeled folders 1

* Data Preprocessing

1. Resize and normalize images 2
2. Split data into training and validation sets 3

## Sprint 2 (5 Days)

* Model Building

1. Build CNN model using TensorFlow 5
2. Train and evaluate the model 3

* Deployment

1. Create Streamlit frontend for image upload 3
2. Integrate model with Streamlit app 5

Total Story Points

Sprint 1 = 8

Sprint 2 = 16

Total Story Points = 24

Number of Sprints = 2

Velocity = 24/2 = 12.0 (Story Points per Sprint)