

PROJECT REPORT TEMPLATE

1.INTRODUCTION:

OVERVIEW:

PROJECT DESCRIPTION

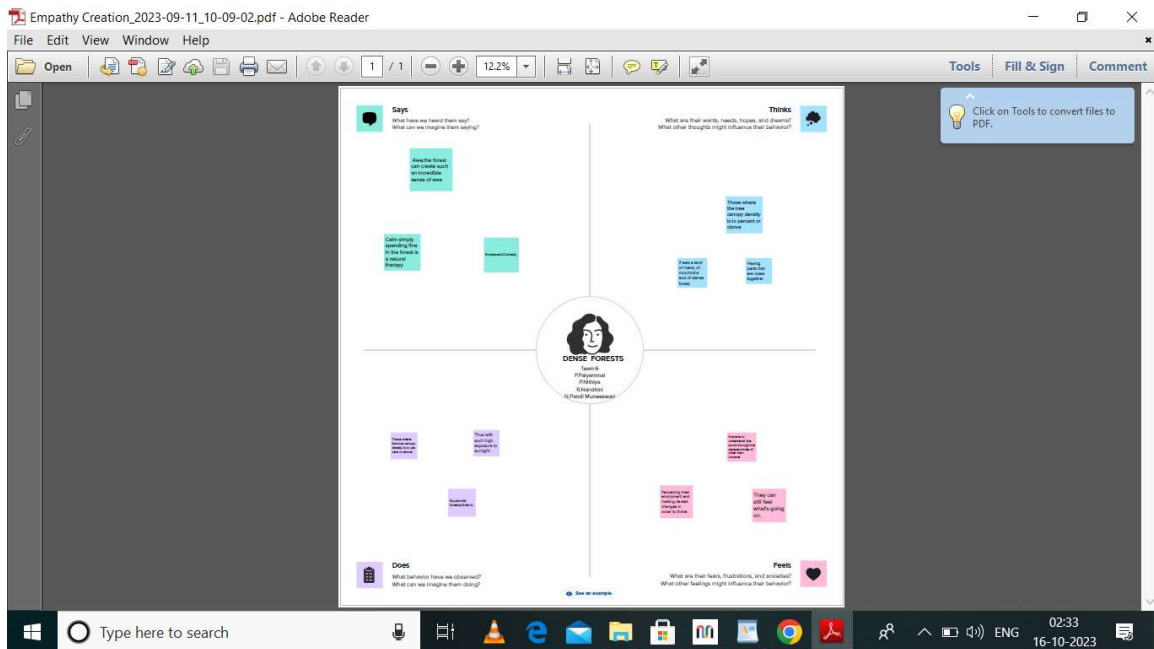
Trees are tall and thick in the rain forest and they grow so close together that they form a big umbrella of greenery called a canopy. This blocks out most of the sunlight. The air is muggy as it filters through the dense canopy cover of the trees. The light that filters through this tree cover is dim and green. A forest is defined as the area of land that is covered by trees. The Food and Agriculture Organisation of the United Nations defined forest .

PURPOSE:

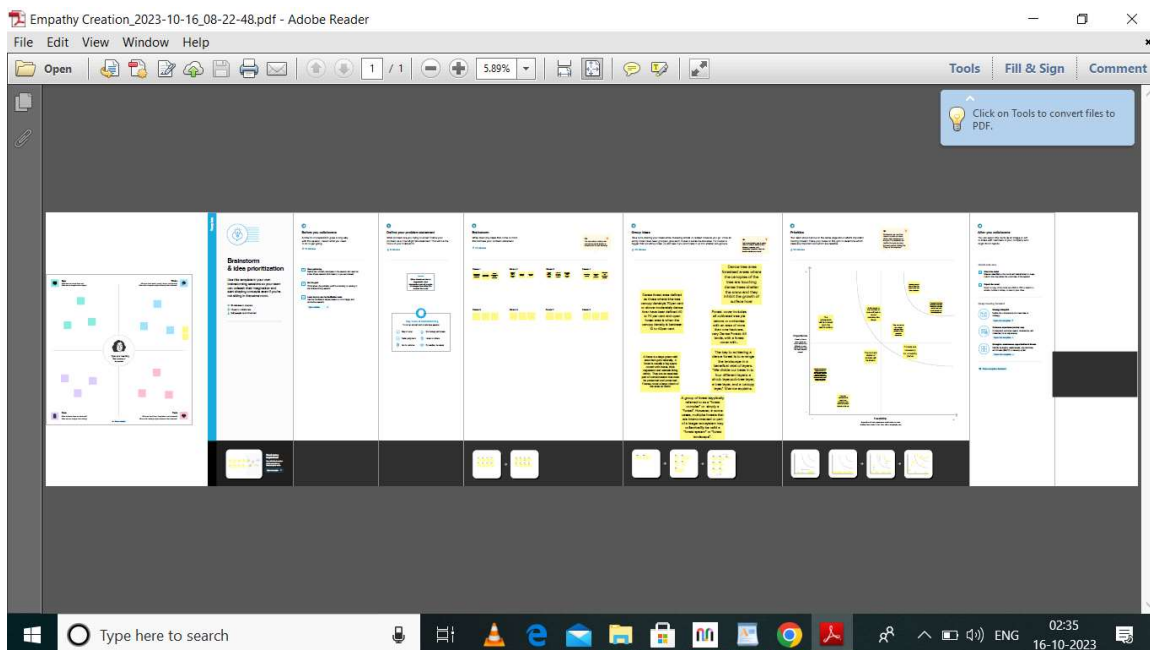
Equatorial forests are the most dense forests because the most equatorial areas of earth receive the maximum intensity and duration of sunlight throughout the year. Thus with such high exposure to sunlight the forests in equatorial region are the most dense. 'Dense forest' are defined as those where the tree canopy density is 70 per cent or above; 'moderately dense forests' have been defined as areas with tree canopy density between 40 to 70 per cent and 'open forest area' is when the canopy density is between 10 to 40 per cent.

2.PROBLEM DEFINITION & DESIGN THINKING

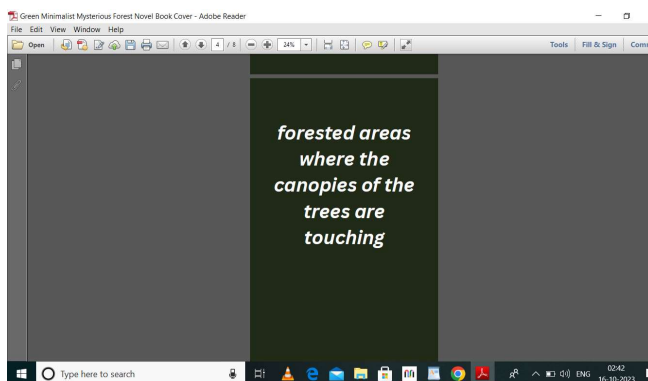
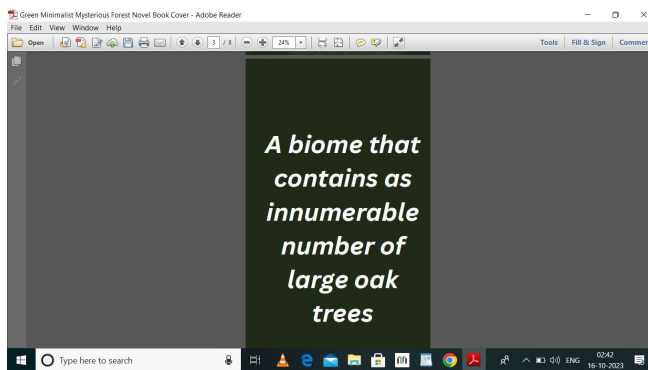
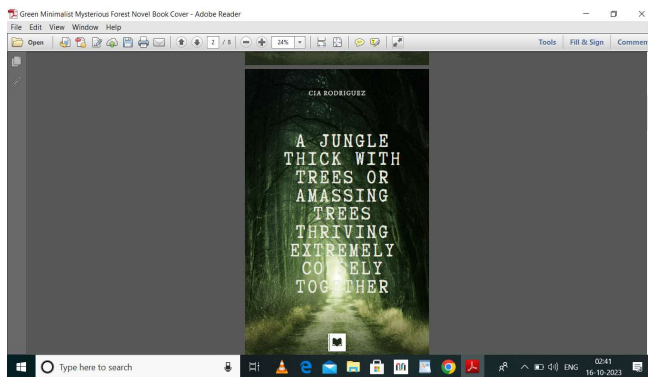
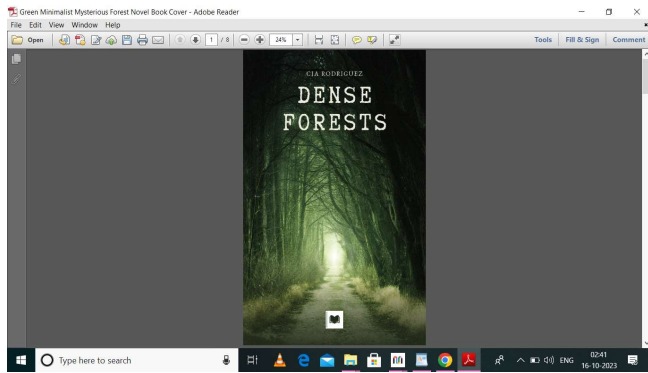
2.1. Empathy Map

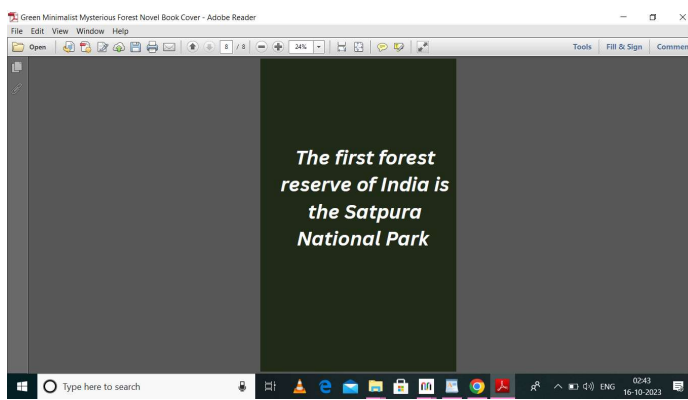
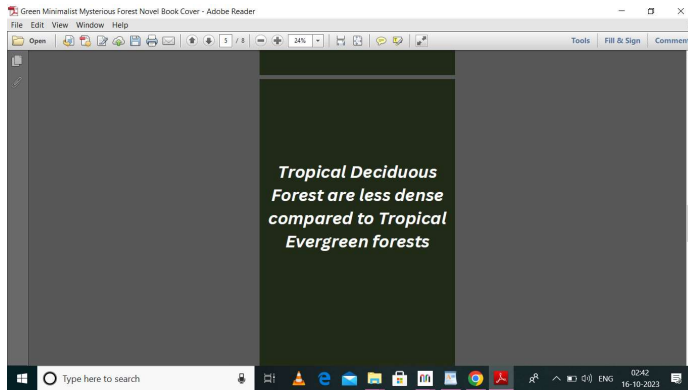


2.2. Ideation & Brainstorming



3. Result





4. Advantages & Disadvantages:

Advantages

forest is a rich source of oxygen and so the air inside the forest is always pure and clean. The dense trees and plants also prevent the wind and dust storm from flowing inside the area, hence the air pollution is prevented.

Disadvantages

According to forest survey reports, fire events will increase by 50% at the end of the century due to extreme climate and land usage changes. Mostly dry deciduous forests are highly prone to fire events compared with evergreen, semi-evergreen and montane temperate forests.

5.Application

Prevents flash floods by slowing down the movement of water. Prevent soil erosion and preserve the fertility of the soil. Maintains the balance of carbon dioxide and Oxygen in the environment. Preserves biodiversity by providing shelter for many creatures that depend on the forest for their survival.

6.Conclusion

Forests are the essential part of our ecosystem, and thus it is our responsibility to preserve and

protect it for our future generations, wildlife species and quality of life.