

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID27577
Project Name	Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	2 Marks

Problem Statement:

I am Naturalist	I'm trying to study the patterns of nature by identifying different kinds of flora and fauna on earth.	But accuracy in identifying species seems low and consumes too much time to classify.	Because of not having a guidebook around everywhere or not having help from experienced ornithologists.	Which makes me feel frustrated
I am Wildlife Photographer	I'm trying to capture exclusive images of species	But and find it hard to locate their gathering places near my place of stay	Because the animals might have migrated right now	Which makes me feel exhausted
I am Ornithologist	I'm trying to identify different species of birds	But too confused with the names and characteristics of them.	Because of my poor knowledge	Which makes me feel outraged
I am Hiker	I'm trying to climb a mountain in the park	But unable to distinguish between good and poisonous plants in the way of trekking.	Because of my low-grade knowledge	Which makes me feel panicked
I am Marine Researcher	I'm trying to study the different underwater species to understand their behavior	But couldn't identify species accurately	Because of not having a proper guidebook right now	Which makes me feel frustrated

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Naturalist	study the patterns of nature by identifying different kinds of flora and fauna on earth.	accuracy in identifying species seems low and consumes too much time to classify.	of not having a guidebook around everywhere or not having help from experienced ornithologists.	frustrated
PS-2	Wildlife Photographer	capture exclusive images of species	and find it hard to locate their gathering places near my place of stay	the animals might have migrated right now	exhausted
PS-3	Ornithologist	identify different species of birds	too confused with the names and characteristics of them.	of my poor knowledge	outraged
PS-4	Hiker	climb a mountain in the park	unable to distinguish between good and poisonous plants in the way of trekking.	of my low-grade knowledge	panicked
PS-5	Marine Researcher	study the different underwater species to understand their behavior	couldn't identify species accurately	of not having a proper guidebook right now	frustrated