Digital Naturalist - Al Enabled tool for Biodiversity Researchers Project Design Phase-II TEAMID: PNT2022TMID31779

CEN		

Gathering information about Flora and Fauna

Steps

Interactions

What encounters do they have along the road at each stop?

People: Why do they interact with or see?

Places: Where are the places?

Things: What tangible elements or digital touch pairs do they

have?

Goals & motivations

At each step, what is the driving force or motivation?

Positive moments

What actions do you think that a average person would find enjoyable, fruitful or exciting?

Negative moments

What actions does atypical person find frustrating and confusing?

Areas of opportunity

How can we improve each steps? What concepts should we implement?

Entice

How does someone initially become aware of this process?

spot

Enter

What do people experience as they begin the process?

registeration

Engage

In the core moments in the process, what happens?

Exit

What do people typically experience as the process finishes?

her naturalists and

collogues.

Extend

What happens after the experience is over?

Sees an animal or flower	Interested to know about it	Searches for information		Come across our application	Visits the application	Using the application	
The user investigates nature and discovers a few plants or creatures	To learn more about an animal or flower, the user takes a picture of it.	more about an animal		The user discovered our programme while conducting an intern et search for animal or plant.	The user visits the application page and creates an account	To learn more the user tries to upload photo in prior	
		Things Smartphone / PC					
People The user themselves, friends, colleagues, and other naturalists.	Place Sanctuaries, forests, gardens, or zoos.	, and the second		People The user itself.	Place Home, Zoo Sanctuary or Forests.	Things Application website through Smartphone / PC	

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on website Th nartphone / o	

of the file format

Finds what the species is The application shows what the animal or flower in	Verifies the information The user validates facts with Naturalist by sharing the data from app with them.	Gathering more info The user tries to gather more information about the
the photo	потп арр мил итетт.	found species like its habitat, lifecycle etc.
People	Place	Things
The user itself, friends , other naturalists and collogues.	Home, Zoo Sanctuary or Forests.	Application website through Smartphone / PC

model

Gathering more info	L
The user tries to gather more information about the bound species like its habitat, lifecycle etc.	The inf inte
Things Application website through Smartphone / PC	The ot

Learns about the species	Shares the application	Reviews the application
The user learns more information from the internet with the help of application.	The user recommends the programme to his or her friends and coworkers.	The user reviews the application based on the accuracy of the application
People	Place Home, Zoo	Things
The user itself, friends, other naturalists and	Sanctuary or	Application website

Forests.

through Smartphone /

PC

help each other

he user thinks about the usage of the application to his community	The user consi how his common might use the application
People The user itself.	Place Home, Zoo Sanctuary o

Forests.

Things	
Application website hrough Smartphone / PC	

the application

I need to explore this beautiful nature	Self motivates by exploring new things and seeing new species	Excites to learn about the species	I need to gather information about that species	I should gather the accurate information	I need to upload the right photo	Self motivated by seeing information the application provides	I need to verify the accuracy of the information provided by the app	Aim to gather additional information	Let me share this and give awareness about the application to my community	Review the application with what I experience		I should share some suggestions that makes the application more useful
The user excites by seeing the new species	Gets happy by taking a good snap of that species	curiously looks for the information	Motivates when the user notices a specific tool to address the issue	Uploads the image with eagerness		Gets excited by seeing the results on the application	If the information was accurate, the user is motivated	Continues to search about the species with eagerness	The user excites by seeing the new species	Gets happy by taking a good snap of that species	Searches for the information with curiosity	
Gets frustrated if he/ she snaps a bad picture	Gets frustrated if he/ she doesn't find a new species		If the application is too slow, the user gets frustrated	When the application doesn't work as expected, the user is disappointed	The user gets angry if the application doesn't take the particular file format	The identified species leads to confusing information	The application shows the incorrect information	The user is not satisfied if the application gives less information	Regrets using the application	Doesn't want to recommend or share this application to others		The user is unhappy by the results of the application
Consider using the application on the	Try to take better pictures of the	Take picture on different angles	Guest mode should be available so that user can use without	The application should be available	The application should support most of the file format	Application should be trained with various variety of species with	Proper information should be given while training the	More data could be added for each	Referral feature can be added	Rating of the application must be showcased inside	A platform for posting what others trying to search and	Feedback / Suggestion should be collected inside

enormous data