Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
Project Design Phase-II
TEAM ID : PNT2022TMID37914

SCENARIO

Gathering information about Flora and Fauna

Entice
How does someone initially become aware of this process?

Enter
What do people experience as they begin the process?

Engage
In the core moments in the process, what happens?

Exit
What do people typically experience as the process finishes?

Extend
What happens after the experience is over?

Steps

Entice
- See the of type of disasters occurred
- Interested to research about it
- Searches for Intensity information

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Entice	Enter	Engage	Exit	Extend
See the of type of disasters occurred —	**Come across our application** — The user discovered our program while conducting an intern et search for Disasters.	**Finds what the species is** — The application shows what the Disasters	**Learns about the species** — The user learns more information from the internet with the help of application.	**Uses of it** — The user thinks about the usage of the application to his community
Interested to research about it —	**Visits the application** — The user visits the application page and creates an account	**Verifies the information** — The user validates facts with Naturalist by sharing the data from app with them.	**Shares the application** — The user recommends the program to his or her friends and coworkers.	**Suggestions** — The user considers how his community might use the application.
Searches for Intensity information —	**Using the application** — To learn more the user tries to upload photo in prior	**Gathering more info** — The user tries to gather more information about the found species like its habitat, life cycle etc.	**Reviews the application** — The user reviews the application based on the accuracy of the application	

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?e

Things: What tangible elements or digital touch pairs do they have?

Entice	Enter	Engage	Exit	Extend
People — The user themselves, friends, colleagues, and other naturalists.	**People** — The user itself.	**People** — The user itself, friends , other naturalists and collogues.	**People** — The user itself, friends , other naturalists and collogues.	**People** — the user itself.
Place — any	**Place** — any	**Place** — any	**Place** — any	**Things** — Application website through Smartphone / CCTV/PC
Things — Smartphone / CCTV/PC	**Things** — Application website through Smartphone / CCTV/PC	**Things** — Application website through Smartphone / CCTV/PC	**Things** — Application website through Smartphone / CCTV/PC	**Place** — any

Goals & motivations

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

Entice	Enter	Engage	Exit	Extend
I need to explore this nature	I need to gather information about that species	Self motivated by seeing information the application provides	Let me share this and give awareness about the application to my community	I should share some suggestions that makes the application more useful
Self-motivates by exploring new things and seeing new species	I should gather the accurate information	I need to verify the accuracy of the information provided by the app	Review the application with what I experience	
Excites to learn about the species	I need to upload the right photo	Aim to gather additional information		

Positive moments

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

Entice	Enter	Engage	Exit	Extend
The user excites by seeing the new species	Motivates when the user notices a specific tool to address the issue	Gets excited by seeing the results on the application	The user excites by seeing the new species	Searches for the information with curiosity
Gets happy by taking a good snap of that species	Uploads the image with eagerness	If the information was accurate, the user is motivated	Gets happy by taking a good snap of that species	
curiously looks for the information		Continues to search about the species with eagerness		

Negative moments

What actions does atypical person find frustrating and confusing?

Entice	Enter	Engage	Exit	Extend
Gets frustrated if he/ she snaps a bad picture	If the application is too slow, the user gets frustrated	The identified species leads to confusing information	Regrets using the application	The user is unhappy by the results of the application
Gets frustrated if he/ she doesn't find a new species	When the application doesn't work as expected, the user is disappointed	The application shows the incorrect information	Doesn't want to recommend or share this application to others	
	The user gets angry if the application doesn't take the particular file format	The user is not satisfied if the application gives less information		

Areas of opportunity

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

Entice	Enter	Engage	Exit	Extend
Consider using the application on the spot	Guest mode should be available so that user can use without registeration	Application should be trained with various variety of species with enormous data	Referral feature can be added	Feedback / Suggestion should be collected inside the application
Try to take better pictures of the species	The application should be available offline	Proper information should be given while training the model	Rating of the application must be showcased inside the app	
Take picture on different angles	The application should support most of the file format	More data could be added for each species	A platform for posting what others trying to search and help each other	