Natural Disasters Intensity Analysis and Classification using Artificial Intelligence

Project Design Phase-II

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# Entice

**SCENARIO**

**Gathering information about Flora and Fauna**

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

The user visits the application page and creates an account

**Visits the application**

**Come across our application**

The user discovered our program while conducting an intern et search for Disasters.

**Reviews the application**

The user reviews the application based on the accuracy of the application

**Suggestions**

The user considers how his community might use the application.

**Uses of it**

The user thinks about the usage of the application to his community

**Interested to research about it**

**See the of type of disasters occurred**

**Gathering more info**

The user tries to gather more nformation about the found species like its habitat, life cycle etc.

**Using the application**

To learn more the user tries to upload photo in prior

**Searches for Intensity information**

|  |  |
| --- | --- |
| **Finds what the species is** | **Verifies the information** |
| The application shows what the Disasters | The user validates facts with Naturalist by sharing the data from app with them. |

|  |  |
| --- | --- |
| **Learns about the species** | **Shares the application** |
| The user learns more information from the internet with the help of application. | The user recommends the program to his or her  friends and coworkers. |

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## Interactions

v

**Things Smartphone /**

**CCTV/PC**

**Place**

**any**

**Place any**

**People the user itself.**

**Things Application website through Smartphone /**

**CCTV/PC**

**People**

**The user themselves, friends, colleagues, and other naturalists.**

**People**

**The user itself, friends , other naturalists and collogues.**

**People**

**The user itself, friends , other naturalists and collogues.**

|  |  |  |
| --- | --- | --- |
| **People The user itself.** | **Place any** | **Things**  **Application website through Smartphone / CCTV/PC** |
|  |  |  |
| **I need to gather information about that species** | **I should gather the accurate information** | **I need to upload the right photo** |
|  | |  |
| **Motivates when the user notices a specific tool to address the issue** | **Uploads the image with eagerness** |  |
| **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** |
|  | |  |
| **Guest mode should**  **be available so that**  **user can use without registeration** | **The application**  **should be available offline** | **The application should support most of the file format** |

|  |  |
| --- | --- |
| **Place** | **Things** |
| **any** | **Application website through Smartphone** |
|  | **/ CCTV/PC** |

|  |  |
| --- | --- |
| **Place** | **Things** |
| **any** | **Application website through Smartphone** |
|  | **/ CCTV/PC** |

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?

## Goals & motivations

**Review the application with what I experience**

**Let me share this and give awareness about the application to my community**

**I should share some suggestions that makes the application more useful**

|  |  |  |
| --- | --- | --- |
| **I need to explore this nature** | **Self-motivates by**  **exploring new things Excites to learn and seeing new about the species**  **species** | |
|  |  | |
| **The user excites by seeing the new species** | **Gets happy by taking a good snap of that species** | **curiously looks for the information** |
| **Gets frustrated if he/ she snaps a bad picture** | **Gets frustrated if he/ she doesn't find a new species** |  |
|  |  |  |
| **Consider using the application on the spot** | **Try to take better pictures of the species** | **Take picture on different angles** |

|  |  |  |
| --- | --- | --- |
| **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** |
|  | |  |
| **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 identified species leads to confusing information** | **The application shows the incorrect information** | **The user is not satisfied if the application gives**  **less information** |
|  | |  |
| **Application should be trained with various variety of species with enormous data** | **Proper information should be given while training the model** | **More data could be added for each species** |

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

## Positive moments

|  |  |  |
| --- | --- | --- |
| **The user excites by Gets happy by seeing the new taking a good snap**  **species of that species** | | **Searches for the information with curiosity** |
|  | **Doesn't want to** |  |
| **Regrets using the application** | **recommend or share this application to others** |  |
| **Referral feature can be added** | **Rating of the application must be showcased inside**  **the app** | **A platform for posting what others trying to search and**  **help each other** |

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

## Negative moments

**Feedback / Suggestion should be collected inside the application**

**The user is unhappy by the results of the application**

What actions does atypical person find frustrating and confusing?

## Areas of opportunity

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