

Digital Naturalist - AI Enabled tool for Biodiversity Researchers

Project Design Phase-II

TEAM ID : PNT2022TMID32512

<div>SCENARIO</div> <div>Searching, Finding and Gathering information about Flora and Fauna</div>	<div></div> <div>Entice</div> <div>How does someone initially become aware of this process?</div>	<div></div> <div>Enter</div> <div>What do people experience as they begin the process?</div>	<div></div> <div>Engage</div> <div>In the core moments in the process, what happens?</div>	<div></div> <div>Exit</div> <div>What do people typically experience as the process finishes?</div>	<div></div> <div>Extend</div> <div>What happens after the experience is over?</div>									
<div></div> <div>Steps</div> <div>What does the person (or group) typically experience?</div>	<div>Sees an animal or flower</div> <div>The user investigates nature and discovers a few plants or creatures</div>	<div>Intrested to know about it</div> <div>The user captures the animal or flower on camera for further information</div>	<div>Searches for information</div> <div>The user searches the web and recommends certain books on the subject of the animal or flower</div>	<div>Come across our application</div> <div>The user discovered our programme while researching the animal or plant on the internet.</div>	<div>Visits the application</div> <div>The user accesses the application page and registers.</div>	<div>Using the application</div> <div>In an effort to learn more, the user tries to submit an earlier shot.</div>	<div>Finds what the species is</div> <div>The software displays information of the flower or animal in the image.</div>	<div>Verifies the information</div> <div>The user validates the facts with a Naturalist after sharing the application's information with them.</div>	<div>Gathering more info</div> <div>The user tries to gather more information about the found species like its habitat, lifecycle etc.</div>	<div>Learns about the species</div> <div>With the aid of our application, user gains access to information on the internet.</div>	<div>Shares the application</div> <div>The user shares the application with colleagues and friends</div>	<div>Reviews the application</div> <div>The user reviews the application based on the accuracy of the application</div>	<div>Uses of it</div> <div>The user thinks about the usage of the application to his community</div>	<div>Suggestions</div> <div>The user tries to give some suggestions for new features that can be added to the application</div>
<div></div> <div>Interactions</div> <div>What interactions do they have at each step along the way?</div> <div><div>■ People: Who do they see or talk to?</div><div>■ Places: Where are they?</div><div>■ Things: What digital touchpoints or physical objects would they use?</div></div>	<div>People</div> <div>The user itself, friends , other naturalists and colleagues.</div>	<div>Place</div> <div>Garden, Zoo, Sanctuaries or Forests.</div>	<div>Things</div> <div>Smartphone</div>	<div>People</div> <div>The user itself.</div>	<div>Place</div> <div>Home, Zoo Sanctuary or Forests.</div>	<div>Things</div> <div>Application website through Smartphone</div>	<div>People</div> <div>The user itself, friends , other naturalists and colleagues.</div>	<div>Place</div> <div>Home, Zoo Sanctuary or Forests.</div>	<div>Things</div> <div>Application website through Smartphone</div>	<div>People</div> <div>The user itself.</div>	<div>Things</div> <div>Application website through Smartphone</div>	<div>Place</div> <div>Home, Zoo Sanctuary or Forests.</div>		
<div></div> <div>Goals & motivations</div> <div>At each step, what is a person's primary goal or motivation?</div>	<div>I need to explore this nature</div>	<div>Self motivates by exploring new things and seeing new species</div>	<div>Excites to learn about the species and to learn their values</div>	<div>I need to gather information about that species</div>	<div>I should gather the accurate information</div>	<div>I need to upload the right photo</div>	<div>Self motivates by seeing the information the application provides</div>	<div>I need to verify the accuracy in the information provided by the app</div>	<div>Aim to gather additional information</div>	<div>Let me share this and give awareness about the application to my community</div>	<div>Review the application with what i experience</div>	<div>I should share some suggestions that makes the application more useful</div>		
<div></div> <div>Positive moments</div> <div>What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?</div>	<div>The user excites by seeing the new species</div>	<div>Gets happy by taking a good snap of that species</div>	<div>Searches for the information with curiosity</div>	<div>Motivates when the user sees a dedicated tool to help the problem</div>	<div>Uploads the image with eagerness</div>	<div>Gets excited by seeing the results on the application</div>	<div>If the information was accurate, the user is motivated</div>	<div>Continues to search about the species with eagerness</div>	<div>The user excites by seeing the new species</div>	<div>Gets happy by taking a good snap of that species</div>	<div>Searches for the information with curiosity</div>			
<div></div> <div>Negative moments</div> <div>What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?</div>	<div>Gets frustrated if he/she snaps a bad picture</div>	<div>Gets frustrated if he/she doesn't find a new species</div>		<div>If the application is too slow, the user gets frustrated</div>	<div>When the application doesn't work as expected, the user is disappointed</div>	<div>The user gets angry if the application doesn't take the particular file format</div>	<div>The identified species leads to confusing information</div>	<div>The application shows the incorrect information</div>	<div>The user is not satisfied if the application gives less information</div>	<div>Regrets using the application</div>	<div>Doesn't want to recommend or share this application to others</div>	<div>The user is unhappy by the results of the application</div>		
<div></div> <div>Areas of opportunity</div> <div>How might we make each step better? What ideas do we have? What have others suggested?</div>	<div>Consider using the application on the spot</div>	<div>Try to take better pictures of the species</div>	<div>Take picture on different angles</div>	<div>Guest mode should be available so that user can use without registration</div>	<div>The application should be available offline</div>	<div>The application should support most of the file format</div>	<div>Application should be trained with various variety of species with enormous data</div>	<div>Proper information should be given while training the model</div>	<div>More data could be added for each species</div>	<div>Referral feature can be added</div>	<div>Rating of the application must be showcased inside the app</div>	<div>A platform for posting what others trying to search and help each other</div>	<div>Feedback / Suggestion should be collected inside the application</div>	