

Project Title: Digital Naturalist - AI Enabled tool for Biodiversity Researchers  
Project Design Phase-I - Solution Fit Template  
Team ID: PNT2022TMID39479

Define CS, fit into C	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><ul style="list-style-type: none"><li>Ornithologist</li><li>Birderist</li><li>Zoologist</li><li>Students</li><li>Hiker</li><li>Marine biologist</li><li>Research people</li><li>Tourist</li></ul></div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div><ul style="list-style-type: none"><li>Network issues</li><li>Insufficient knowledge about the biodiversity</li><li>Cannot remember all the basic life saving tips</li><li>Making observations among species</li></ul></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><ul style="list-style-type: none"><li>Need to always carry a guidebook around everywhere</li><li>Internet databases where we must search for certain species from the mountain of images from the web using modern algorithms</li><li>Usage of AI to tackle different complex difficulties in the wildlife as alternative to digital note-taking</li></ul></div>	Explore AS, different RC
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>—</div><ul style="list-style-type: none"><li>Unable to identify sub-species of certain amphibians or birds</li><li>Cannot find a suitable place to work in the workplace</li><li>Cannot find the exact habitat of certain species; explore different sides</li></ul></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><ul style="list-style-type: none"><li>Complexities in identification</li><li>Information gathering</li><li>Need to depend on external resources</li><li>Large dataset</li></ul></div>	<div>7. BEHAVIOUR<div>BE</div><ul style="list-style-type: none"><li>Volunteering for jobs where we can actively work with wildlife</li><li>Finding rare and endangered species of flora and fauna and help them navigate in current</li></ul></div>	

<div>3. TRIGGERS<div>TR</div><ul style="list-style-type: none"><li>Saved nature</li><li>New Endangered Species</li><li>Expanding the lifespan of certain species through medicine</li><li>Helps to gather animal species away from places where they are prone to never kill or other dangers</li></ul></div>	<div>10. YOUR SOLUTION<div>SL</div><p>If you are working on an existing business, write down your current solution first. It is the current, and check how much it fits reality.</p><p>If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits with customer limitations, solves a problem and studies customer behaviour.</p></div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div><p>ONLINE:</p><ul style="list-style-type: none"><li>8.1 - capture image and search it</li><li>8.2 - Browse using the internet</li><p>OFFLINE:</p><ul style="list-style-type: none"><li>8.3 - Hand notes</li><li>8.4 - Getting the information from</li><li>8.5 - experience user</li></ul></ul></div>	100%
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<div data-bbox="106 604 325 627">4. EMOTIONS: BEFORE / AFTER</div> <div data-bbox="106 629 229 710"><ul style="list-style-type: none"><li>• CO2 to O2</li><li>• Imbalanced world to sustainable world</li><li>• Accumulation of waste to renewable energy</li></ul></div> <div data-bbox="512 602 544 627">EM</div>		
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