







Project Title: Digital Naturalist - AI Enabled tool for Biodiversity Researchers

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID23849

Define CS, fit into CC	1. CUSTOMER SEGMENT(S)  <ul style="list-style-type: none">• Ornithologist• Botanist• Zoologist• Students• Hiker• aquatic biologist• Research people• Tourist	6. CUSTOMER CONSTRAINTS  <ul style="list-style-type: none">• Network issues• A lack of Understanding biodiversity• Unable to recall all of the essential lifesaving advice• Observing difference between species.	5. AVAILABLE SOLUTIONS  <ul style="list-style-type: none">• Require one to always travel with a Guidebooks• Internet databases where we must use cutting edge algorithms to sift through the sea of web photographs looking for specific species• AI is being used to solve various challenging problems in wildlife.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS  <ul style="list-style-type: none">• unable to distinguish between different species of some amphibians or birds• unable to locate a suitable workspace at your place of employment• cannot locate a species' precise habitat.	9. PROBLEM ROOT CAUSE  <ul style="list-style-type: none">• identification challenges• gathering information• require reliance on outside resources• large dataset	7. BEHAVIOUR  <ul style="list-style-type: none">• Volunteering for jobs where we can actively work with wildlife• Finding rare and endangered species of flora and fauna and help them navigate in current	

<div>3. TRIGGERS</div> <div><ul style="list-style-type: none">• Protect nature• Protect vanishing species• Extending certain species' lives through medicine• assists in removing aerial species from areas where they are vulnerable to tower kill or other threats.</div>	<div>10. YOUR SOLUTION</div> <div>SL</div> <div><ul style="list-style-type: none">• It may be used online.• The display of all Species-related data is required.•Different plants' medicinal properties can be seen.•For plants and animals, display warning messages.•show warning signs for both plants and animals.</div>	<div>8.</div> <div>CHANNELS of BEHAVIOUR</div> <div>CH</div> <div>ONLINE</div> <div><ul style="list-style-type: none">•take a picture and look for it•utilising the internet to browse</div> <div>OFFLINE</div> <div><ul style="list-style-type: none">•written notes•obtaining knowledge from knowledgeable users</div>	<div>Identify strong TR & EM</div>
<div>4.EMOTIONS: BEFORE/AFTER</div> <div>Co2 to O2</div> <div><ul style="list-style-type: none">• From an unbalanced to a sustainable world• trash accumulation and renewable energy</div>			