

Project Title: Digital Naturalist - AI Enabled tool for Biodiversity Researchers **Project Design Phase-I – Problem Solution Fit Template** **Team ID: PNT2022TMID33205**

Define CS, fit into CC	<p>1. CUSTOMER SEGMENT(S) CS</p> <ul style="list-style-type: none"> Experienced people and Inexperienced people who are willing to learn about bio-diversity Researchers who want to know more 	<p>6. CUSTOMER CONSTRAINTS CC</p> <ul style="list-style-type: none"> Network issues Difficult to access in rural areas Memory Ability to adapt the new screen size Language 	<p>5. AVAILABLE SOLUTIONS AS</p> <ul style="list-style-type: none"> Experienced user Browse Carry a Get a help from guidebook to identify the species Other apps 	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<p>2. JOBS-TO-BE-DONE / PROBLEMS J&P</p> <ul style="list-style-type: none"> We cannot use where not network is not available App drains the battery quickly It cannot detect some rare species 	<p>9. PROBLEM ROOT CAUSE RC</p> <ul style="list-style-type: none"> Apps drains the battery quickly They may forget due to too much of data Need to learn as they can gain knowledge and experience 	<p>7. BEHAVIOUR BE</p> <ul style="list-style-type: none"> Try to remember the species based features Carry the notes to identify the species Try know more about the other app features 	Focus on J&P, tap into BE, understand RC

3. TRIGGERS

- Gathering the information on plants for gardening purpose
- Getting the information about the app from experienced user

4. EMOTIONS:**BEFORE /AFTER**

- Network issues → Offline mode
- Confusion ☐ Clear

10. YOUR SOLUTION

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- It can be in offline mode
- Small description about the Species
- Medical Benefits can be displayed
- Display Botanical names
- Display alert messages for plants/animals

8. CHANNELS of BEHAVIOUR

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ONLINE

- Apps or website
- Browse using the internet

OFFLINE

- Hand notes
- Getting the information from experienced user