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

**C en**

**C**

**t i at**

**e**

**CH**

1. **CHANNELS of BEHAVIOUR**

**ONLINE**

* 1. **• capture image and search it**
  2. **• Browse using the internet OFFLINE**
  3. **• Hand notes**
  4. **• Getting the information from**
  5. **experienced user**

**Focus on J&P, tap into BE, understand RC**

**Focus on J&P, tap into BE, understand RC**

**I**

**d e n ti f**

**Team ID:** PNT2022TMID40645

**2. JOBS-TO-BE-DONE / PROBLEMS**

* Unable to identify sub species of certain amphibians or birds.
* Cannot find a suitable place to work in the workplace
* Cannot find the exact habitat of

certain species; explore different sides.

**6. CUSTOMER CONSTRAINTS**

* Network issues
* Insufficient knowledge about the biodiversity.
* Cannot remember all the basic life saving tips
* Making observations among species.

**5. AVAILABLE SOLUTIONS**

* Need to always carry a guidebook around everywhere
* Internet databases where we must search for certain species from the mountain of images from the web using modern algorithms.
* Usage of ai to tackle different complex difficulties in the

wildlifeis an alternative to digital notetaking

**CS**

**1. CUSTOMER SEGMENT(S)**

* Ornithologist
* Botanist
* Zoologist
* Students
* Hiker
* Marine biologist
* Research people
* Touris

**Explore AS, differ**

**Define CS, fit into**

|  |  |  |  |
| --- | --- | --- | --- |
| **9. PROBLEM ROOT CAUSE**   * complexities in identification * Information gathering | **RC** | **7. BEHAVIOUR**   * Volunteering for jobs where we can actively work with wildlife | **BE** |
| * Need to depend on external |  | * Finding rare and |  |
| resources |  | endangered species of  flora and fauna and help |  |
| * Large dataset. |  | them navigate in current |  |

**10. YOUR SOLUTION SL**

If you are working on an existing business, write down your current solution ﬁrst, ﬁll in the canvas, and check how much it ﬁts reality.

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 within customer limitations, solves a problem and matches customer behaviour.

**TR**

**3. TRIGGERS**

* Save nature
* Save Endangered Species
* Expanding the lifespan of certain species through medicine
* Helps to gather aerial species away from places where they are prone to tower kill or

other dangers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **4. EMOTIONS: BEFORE / AFTER EM**   * Co2 to o2 * Imbalanced world to sustainable world * Accumulation of waste to renewable energy |  |  |  |