TITLE: Digital Naturalist - AI Enabled Tool For Biodiversity Researchers	PROBLEM SOLUTION FIT	TEAM ID : PNT2022TMID12315

1. CUSTOMER SEGMENTS — CS

DefineCS,fit into CC

Individuals with a research interest in biodiversity. object detection and classification in a single frame that consists of multiple items in a laborious task. Given the development the accuracy rate of computer vision techniques has increased grew a great deal. The purpose of this paper is to apply utilising a state-of-the-art, proprietary algorithm for Objects are shown in a single frame to achieve great precision with an on-the-spot performance. The suggested system makes use of combining design with MobileNet to maximize accuracy. The programme will be quick enough to find and even at 30 FP, distinguish numerous items.

6. CUSTOMER CONSTRAINTS — CC

People are having problems with the networks. access to digital photos and artificial intelligence using artificial intelligence (AI) techniques to classify images offers a fascinating chance for academics studying biodiversity to build new species observation databases. We learned additionally, photographs that were geotagged with the term across an urban and rural site in the United Kingdom and utilising AI, examining these identifications, and determining how representational an image is.

5. AVAILABLE SOLUTIONS — AS

ExploreAS,differentiate

Creating a plan that can help you find the right answer For the given image, the species, location, and environment would be helpful for both numerous people and ornithologists.
Benefits: Individual and biodiversity interaction Researchers are more productive and efficient.
Merits: It doesn't produce a result if the network is down.

2. PROBLEMS — J&P

Focus onJ&P,tap intoBE,understandRC

One of the most common issues a person encounters is Biodiversity, or the diversity of all life on Earth, has been decreasing alarmingly in recent years, primarily because to human activities, including pollution, changes in land use, and climatic alterations.

9. PROBLEMROOT / CAUSE — RC

- When exploring the woods, field naturalisttypically rely on tried-and-true methods like always keeping a guidebook or requesting assistance from knowledgeable ornithologist.

- Insufficient documentation

- No training equipment

7.BEHAVIORS — BE

Focus onJ&P,tapintoBE,understandRC

Customer searches for a species on their own time and finds using this online application, which is constructed with, the appropriate species technology that carries out the proper action They constantly hunt for discovering a new species.

3. TRIGGERS — TR

Identify strong TR&EM

- Welcome Message
- Onboarding
- Early activation

4. EMOTIONS

- Reduce customer churn
- Cultivate customer loyalty
- Acquire more customers

10. YOUR SOLUTION — SL

This programme is a tool for sharing and retrieving images for the plant identification, accessible on Android. as opposed to It is possible to use earlier content-based identification applications.with various plant elements, such as flowers, leaves, and fruits and howl. The foundation of life is biodiversity. The endeavour plans to develop a web application that would allow hikers to rare bird, flower, animal, and other species. The proposed computer-based methodology for biodiversity study artificial intelligence vision assists in environment detection,specific species and places. data already gathered making it one of the most significant portable plant identification tools.

8. CHANNELS OF BEHAVIOR — CH

ExtractonlineEconOfflineCHofBE

ONLINE :
1. Visit a Landing Page
2. Download Content
3.Provide Feedback
4.Submit an Email
5.Refer a Friend

OFFLINE :

Select the least amount of information to be stored locally.