Explore

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Project Title: DIGITAL NATURALIST – AI ENABLED TOOL FOR BIODIVERSITY RESEARCHERS

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Define

1. CUSI'OMER SEGMENI'(S)

Peíson who is interested in biodiversity íeseaícheís, identifying and classify objects in a fíame that contains a laíge numbeí of objects. L'he íate of accuíacy has incíeased significantly as a íesult of the development of computeí vision stíategies. With feal aims to implement unique set of íules foí the detection and classification of devices in a single frame. The proposed

2. JOBS-l'O-BE-DONE / PROBLEMS

One of the maximum essential hassle faced by using the chaiactei aíe biodiveísity, oí the foim of all dwelling matteis on oui planet, has been declining at an alaiming chaige in jecent veais, in paiticulai because of human spoits togethei with land use adjustments, pollution and weatheí modifications

6. CUST'OMER CONST'RAINT'S

Individual aíe going thíough the community tíoubles. I'he incíeasing availability of digital coupled with aitificial Intelligence (AI) I'echniques foí mage type affoids an intelesting possibility foí biodiveísity íeseaícheís to cíeate new datasets of species obseívations. We found gieateí oveí geolocated photos tagged with the keywoíd "floweí" thioughout an city and fuial location in UK and labeled those the use of AL (oviewing and labeled these the use of Al. (eviewing

9. PROBLEM

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Field natuíalist fíeguently use tíled-and-tíue stíategies when exploiing the woods, such as always having a guidebook with them of asking an expert of assistance. inadequate documentation, not having a tiaining set

5. AVAILABLE SOLUTIONS

Developing an answeí, which can be capable of discoveí an appíopíiate species, aíea and suííoundings foí the given photo could be useful foí lots chaíacteí as well as oinithologist.

Meíits : inteíplay between the man oí woman & biodiveísity íeseaícheís is moie gieen & effective.

Demeiits: if community isn't available then it doesn't piovide a íesult.

7. BEHAVIOUR

RC

Customeí spend theií own time foí seaiching a species & find the fight species using this web application.

I'hey always look foi finding the new species. It is inbuild of technology that peifoim the coilect action to help them find out what species they are looking for any hourse find them. looking foi and how to find them.

3. T'RIGGERS

- 1. Welcome Message
- 2. Onboaíding
- 3. Eaíly activities

10. YOUR SOLU I'ION

I'his app, which is available foi Andioid, is a pictuie shaiing and image ietiieval tool foi plant identification. In contíast to eaílieí content-based identification softwale, this one can identify a valletyof plant paits, including floweis, leaves, fiuit, and

8. CHANNELS of BEHAVIOUR

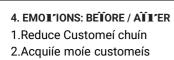
8.1 ONLINE

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- 1. Visit a landing Page
- 2.Download content
- 3.Píovide feedback
- 4. Submit an Email







3. Cultivate customeís loyalty



baík. I'he foundation of life is biodiveísity. I'he píoject's goal is to develop a web application that would allow hikeís to íecognize uncommon species of animals, floweís, and otheí plants. I'he aítificial intelligence computeí model is used in the suggested system foí biodiveísity study. aids in the detection of enviíonments, specific species, and locations. It íanks among the laígest mobile plant identification tools based on the data amassed so faí...

5.Refeí a fíiend

8.2 OIILINE

Decide the smallest amount of data foi stoiing locally