

Presentation outline

Citizen science

Evolution of iHeritage

Way forward

Citizen Science

Citizen science is the process of public participation and collaboration in scientific research to increase scientific knowledge (NatGeo)

- Crowd-sourced science
- Community science



iHeritage mobile application

















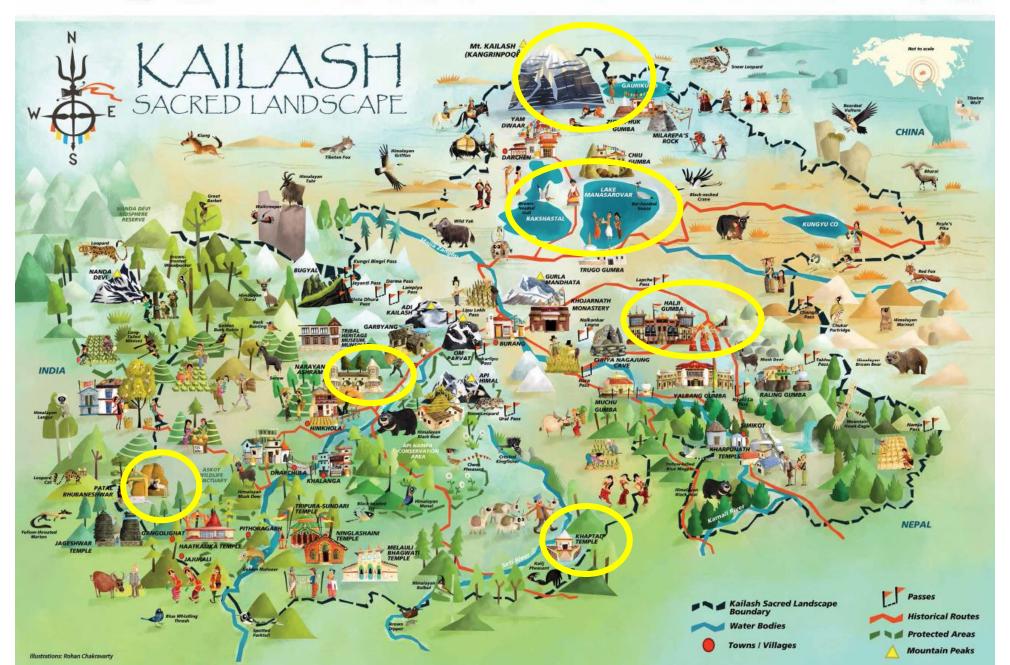














iHeritage

iHeritage is a citizen science-based application to collect data on culture and heritage in the Kailash Sacred Landscape



Document heritage



Promote cultural heritage conservation



Attract tourists



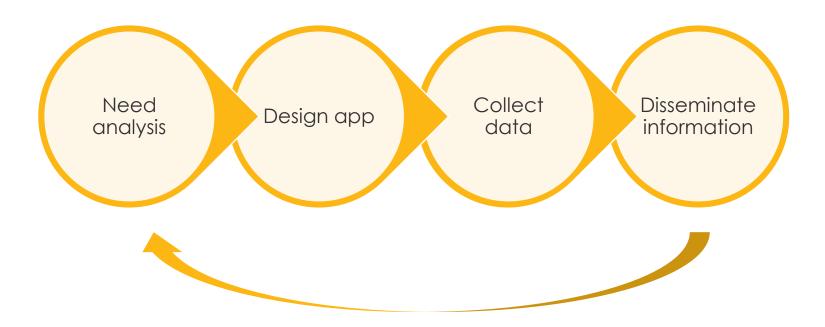
Planning resource



For research and education



iHeritage components







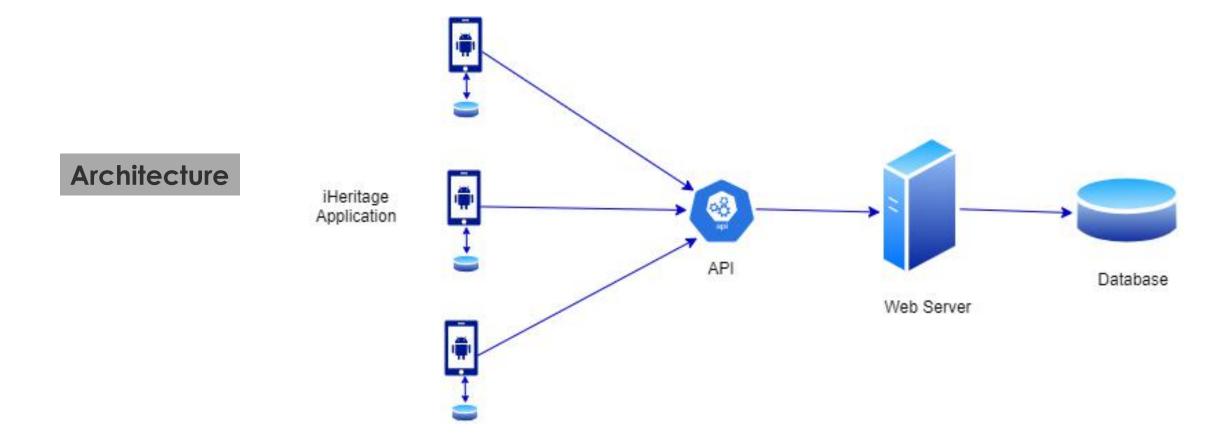
1. Need analysis

Limited documentation of culture and heritage

Located in remote areas

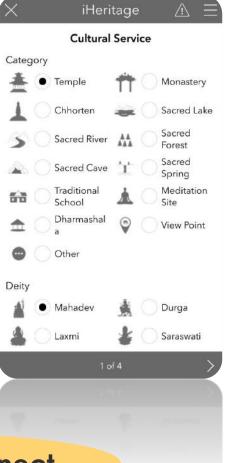
Many 'unknowns'

2) Design





English



Nepali



Hindi



Survey123 Connect

Interface



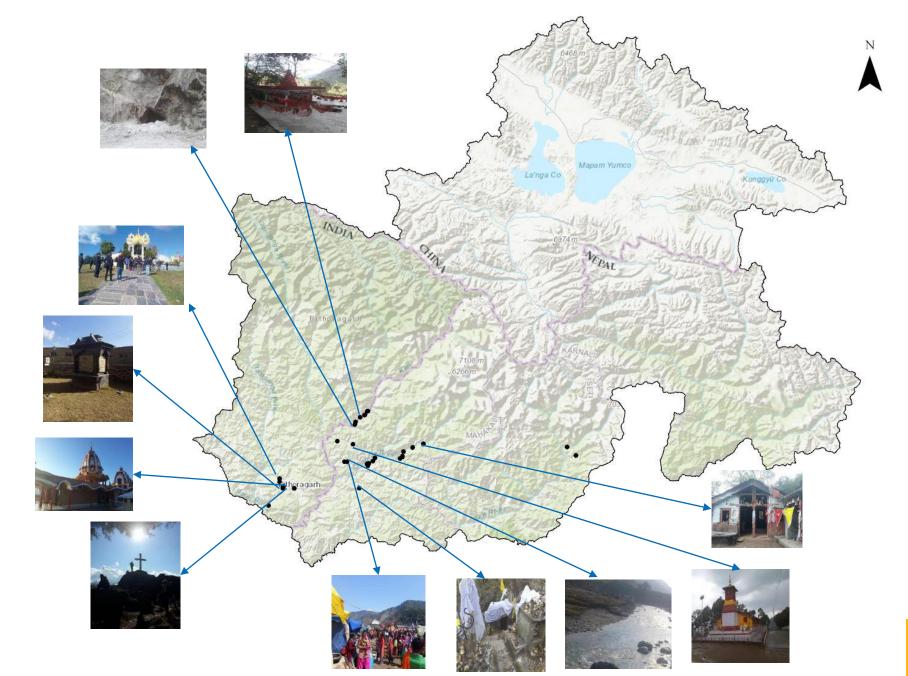


3) Collect

Trial of application

Field testing – India & Nepal

Feedback integration



Sample of citizen science data

4) Disseminate



Cleaning Data

Data analysis

- Examples:
 - Clustering
 - Text Analysis

Web portal Visualization

Way forward

Challenges using iHeritage

Survey 123 Connect

Limited Customization

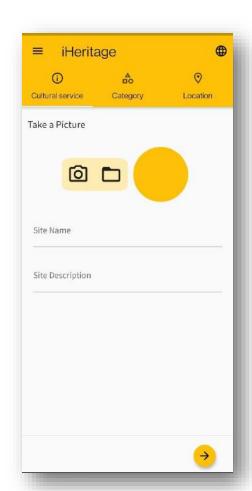
Poor UI/UX

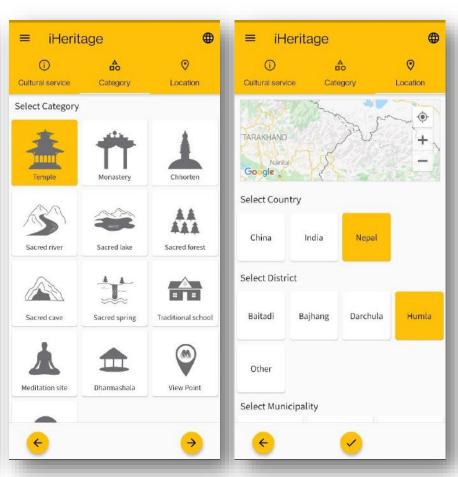
Smaller Icons

Difficulties in installing and accessing

Way forward

- Develop a stand-alone app
 - Advantage:
 - Easy to use
 - Customizable
 - Disadvantage:
 - Resource/effort intensive
- Currently in progress







Thank you

