



# TRUST INDICATOR



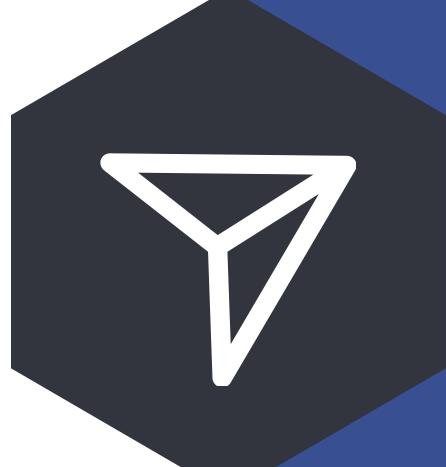
## PROBLEM STATEMENT

*How do we know if an image is trustworthy or not?*

With the widespread use of social media and online digital media, the authenticity of photos and creative images has become a global concern.

In this digital age, the extensive dissemination of images and advanced editing techniques makes it difficult for ordinary users and consumers to discern the authenticity and credibility of images.

Misleading, manipulated, or artificially generated images can lead to inaccurate and confusing information resulting in undesirable consequences.



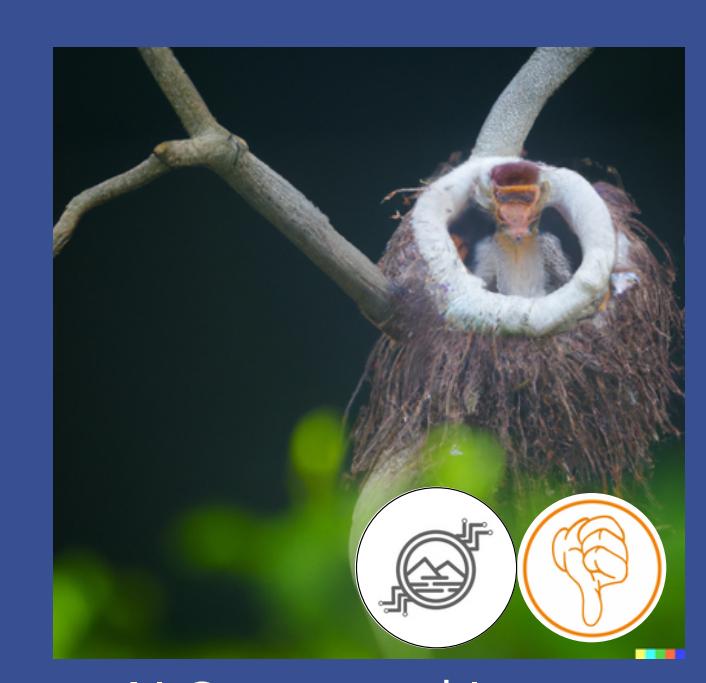
## IMAGE ANALYSIS



Photograph



Manipulated Image



AI Generated Image



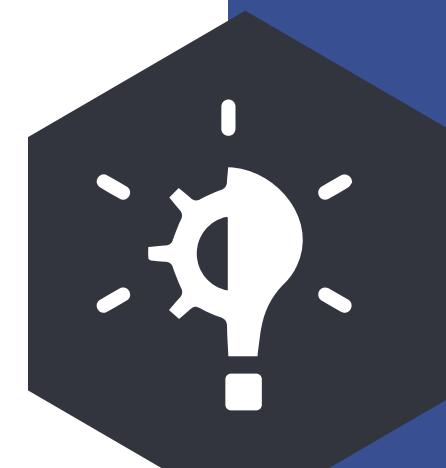
Manipulated Images and Detected Manipulations

## OBJECTIVE

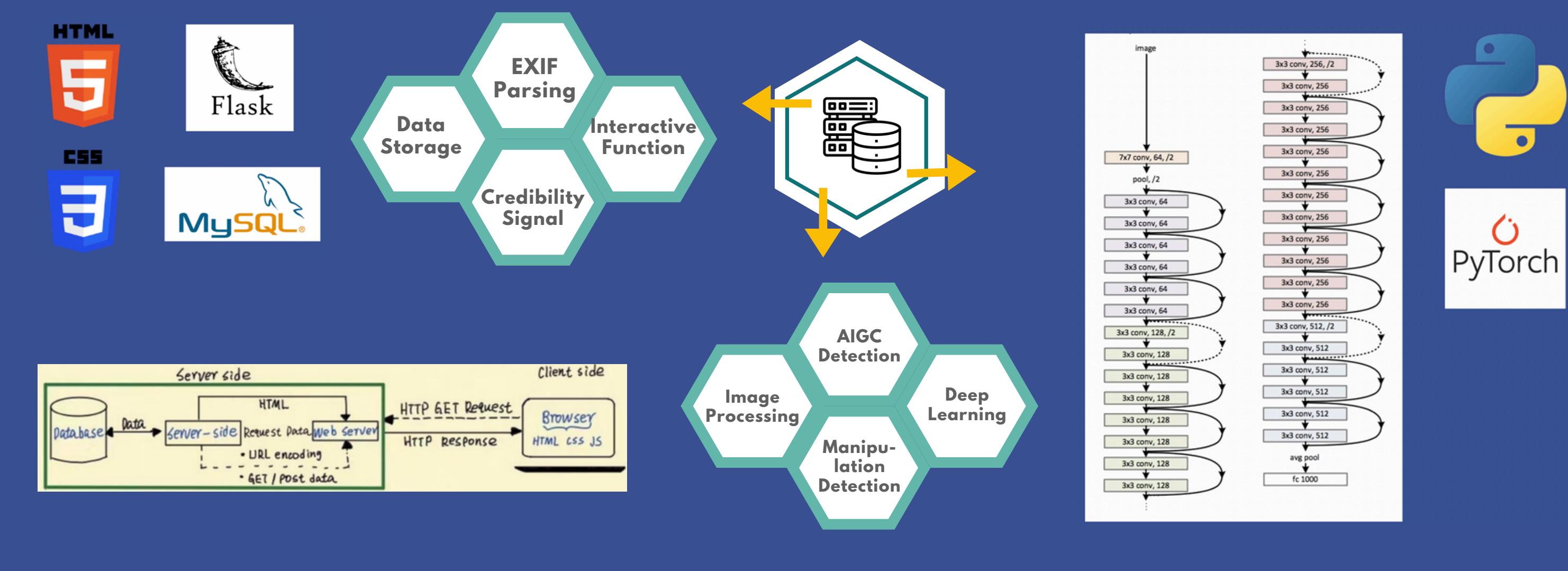
The project's objective is to offer consumers a reliable resource to improve their ability to judge image authenticity.

It also provides photographers and creators with a platform to showcase their work, add credibility to it and offer additional information, enhancing public understanding and awareness of their images.

By being an open-source project, the website encourages other developers to contribute and improve the platform, facilitating ongoing project development and enhancement.



## TECHNICAL ROUTE



## IMPACT

Photographers and creators will benefit from a platform that showcases their work and facilitates interaction with potential clients or audiences.

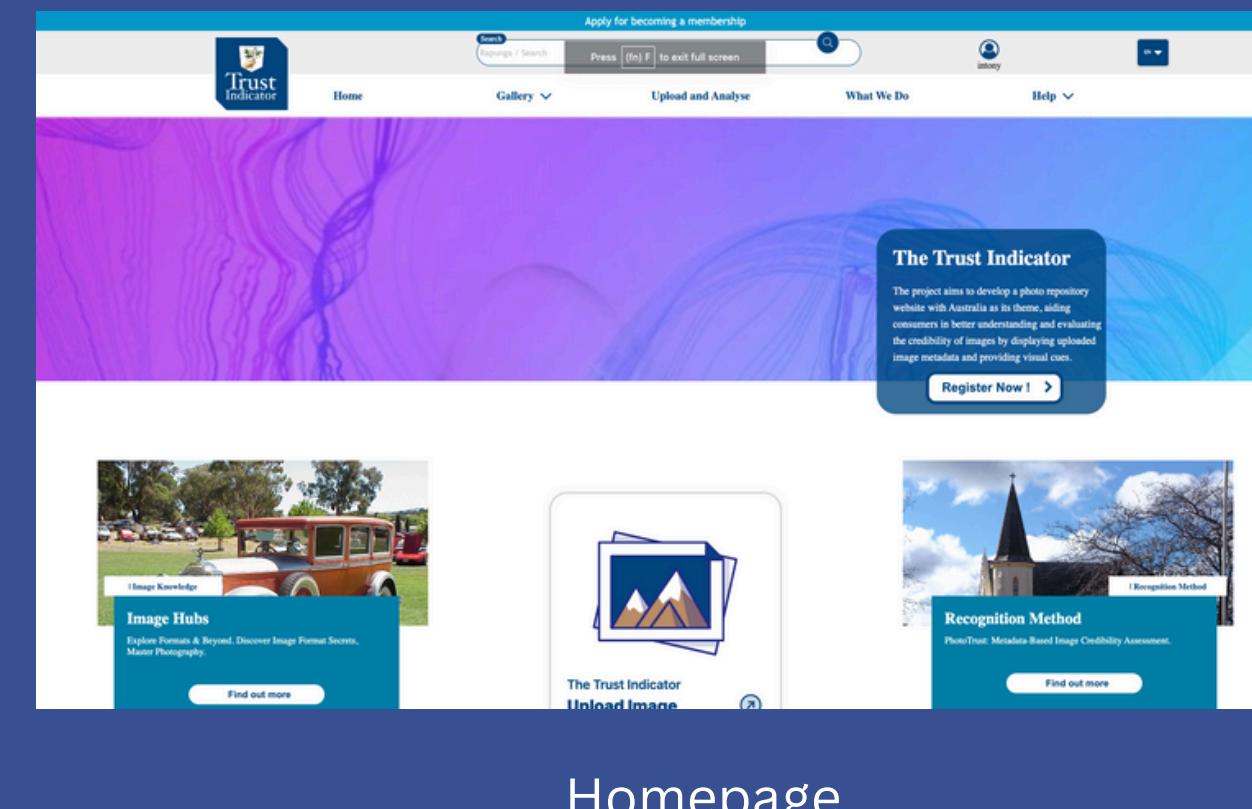
Other stakeholders, such as JPEG and image-related organizations - Galleries, Libraries, Archives and Museums (GLAM) institutions, students, scholars, researchers, media professionals, and journalists, will also derive value from this platform as it provides them with a reliable resource for assessing image authenticity.

Ordinary users will gain a trustworthy tool to judge image authenticity, empowering them to make more informed decisions and form opinions.

Moreover, by encouraging knowledge sharing and open-source contributions, our platform will also foster community engagement and innovation.



## ONLINE PLATFORM



Homepage

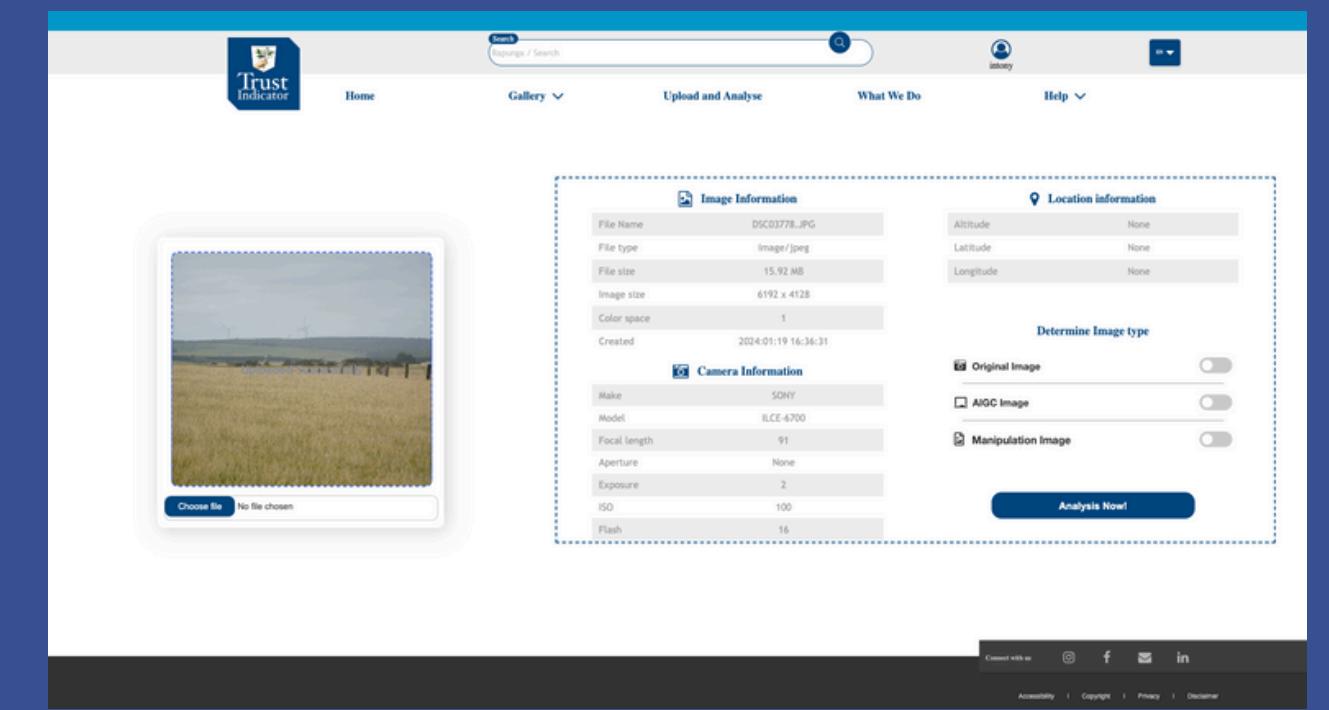


Photo upload and metadata parsing page

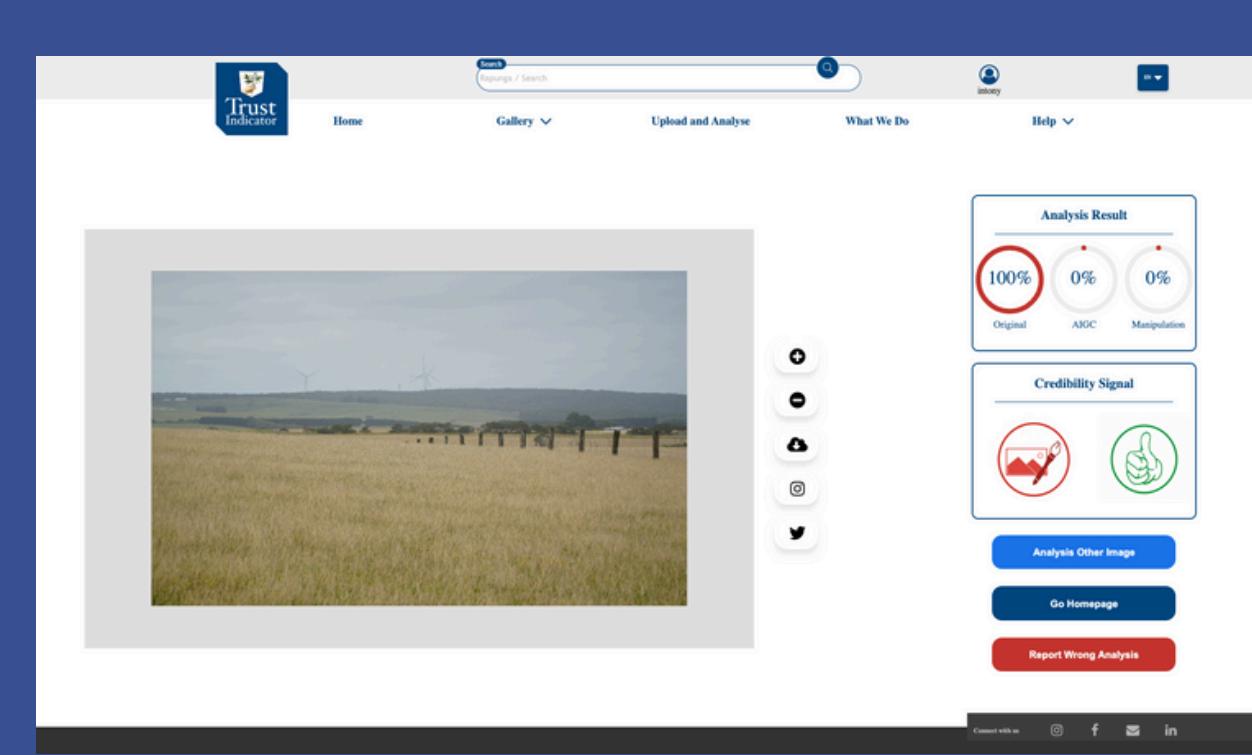


Photo credibility scoring (original photo)

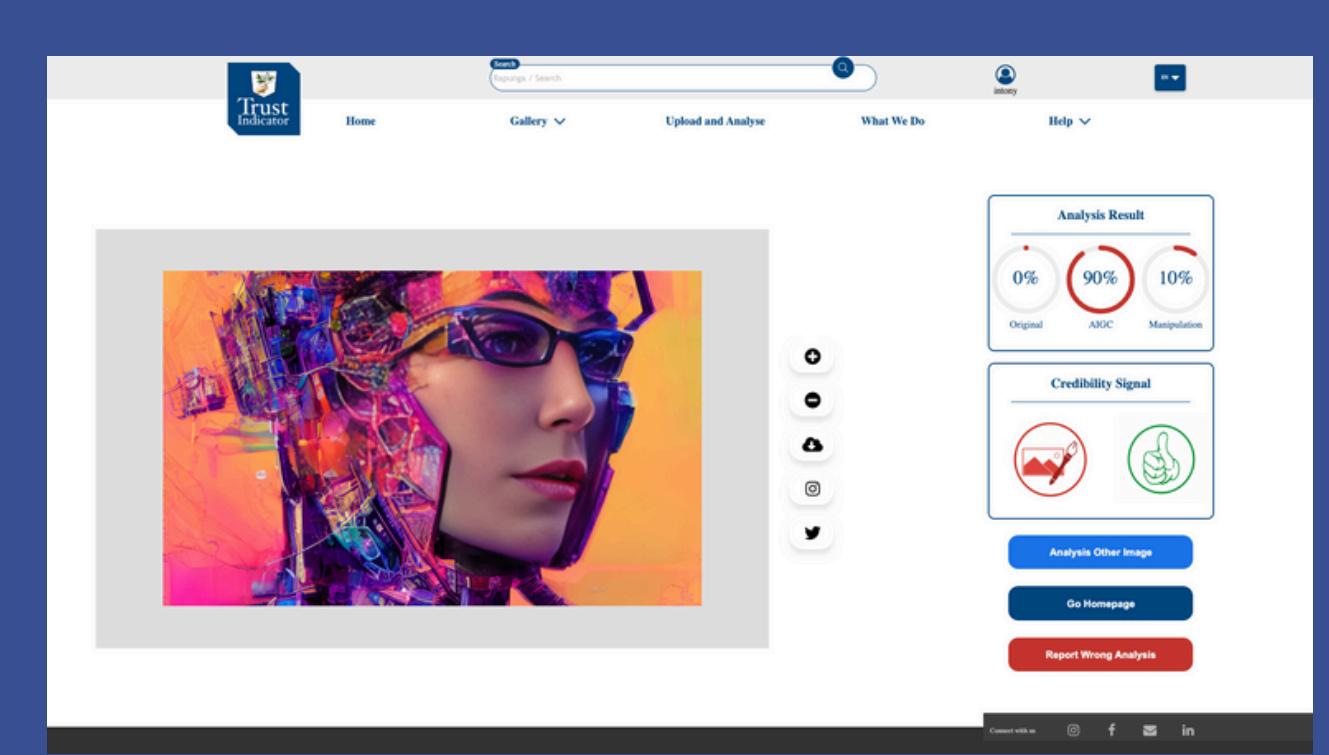
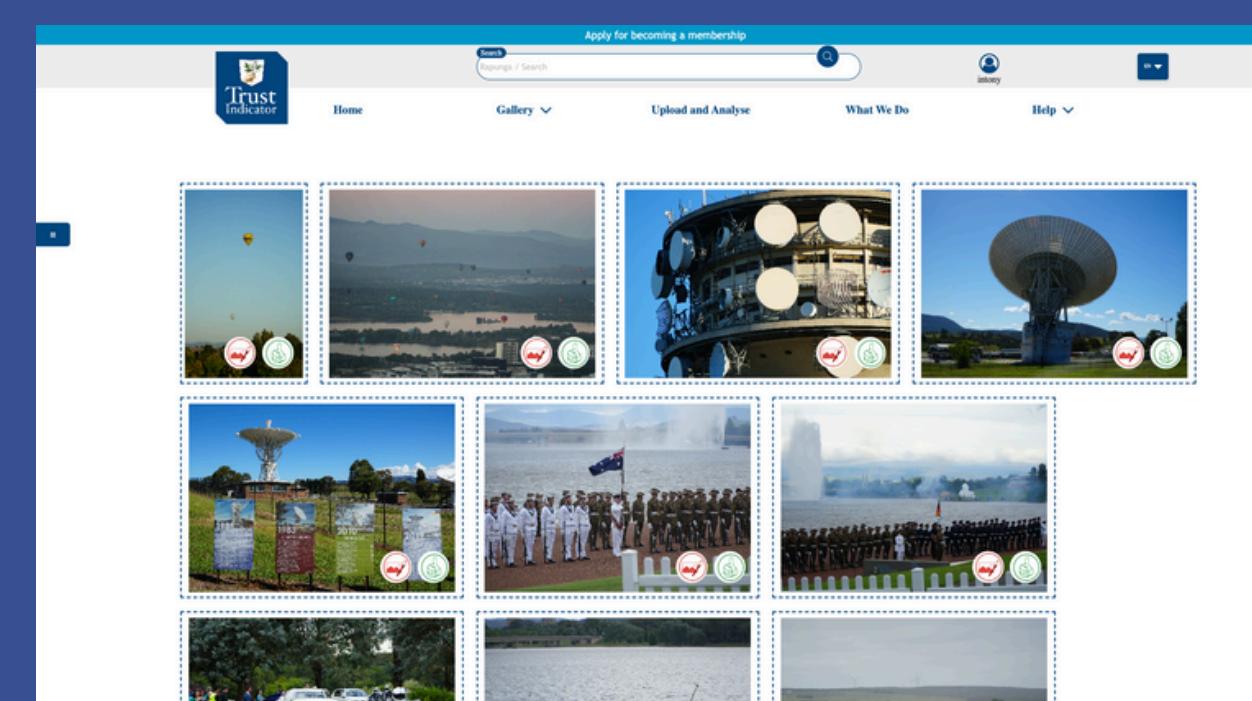
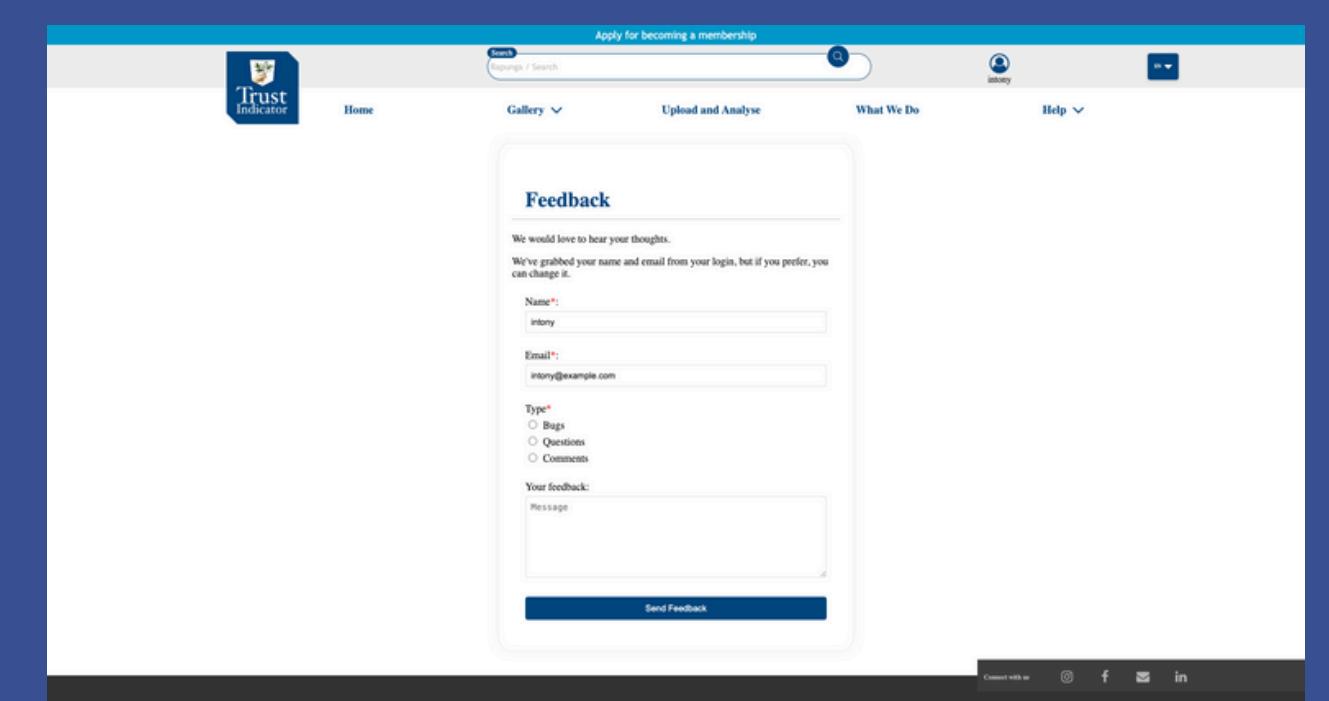


Photo credibility scoring (AI-generated photo)



Gallery



Feedback page

## OUR TEAM

Lingxiu Cai	(u7588748)	Frontend & Backend Developer
Tony Chen	(u7504537)	Project Manager & CTO
Song Han	(u7529732)	Frontend & DataBase Manager
Vidhu Chaudhary	(u7531066)	Documentation Manager & Frontend Developer
Yifang Meng	(u7342064)	Backend & Quality Assurance
Zhaoyun Zhang	(u7545864)	Backend & Machine Learning Instructor



picture.au



u7342064@anu.edu.au



The Australian National University

