**IMAGE METADATA AND CONVERTER**

**SUBMITTED BY:**

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**INTRODUCTION**

The project named “IMAGE METADATA AND CONVERTER” focuses on building a webpage allowing upload image from folder or an image URL.

An image metadata includes camera details and settings such as aperture, shutter speed, ISO number, focal depth, dots per inch (DPI). Other automatically generated metadata include the camera brand and model, the date and time when the image was created and the GPS location where it was created. The metadata should be displayed in EXIF format i.e., Exchangeable Image File Format. It has the ability to convert to JPEG2, WEBP, JPEGXR format.

Also, this webpage complies to SEO standards. SEOs should not use spam technologies to inflate the perceived relevancy of inferior sites and it can be checked using any of the Chrome based SEO checker.

The system comprises of 2 modules. They are:

1. **Admin:**

Admin is the main authority of the system. Duties of an Admin are

* Privacy management
* Holds the details of image
* Compress the image to its adequate size
* Process handling
* Check whether the image is uploaded correctly. If not, a notification is produced

1. **User:**

The user is end user of the service. This module is operated by a person who can login to a page and upload the image. A user is a person and is activated by admin. Duties of user are:

* Search the image
* Select the image
* Upload image to the folder given
* Convert to the format given
* Privacy management

The project is developed using Python framework.