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DESCRIPTION:

My projects is about a Media collection that provide a platform to manage your media files. You can upload videos and images and show them in the gallery.

MODELS:

```
The two principal models are:
- Images:

class Image(models.Model):
    title = models.CharField(max_length=200)
    description = models.TextField(blank=True, null=True)
    file = models.ImageField(upload_to='media/images/')
    upload_date = models.DateTimeField(auto_now_add=True)

def __str__(self):
    return self.title

@property
def is_image(self):
    return self.file.name.lower().endswith(('.png', '.jpg', '.jpeg', '.gif'))
```

In the class are defined, the title, description the file to upload and the upload date of the image. Then they have a @property that allows to access the method like an attribute. This property checks whether the file associated with the model is an image.

- Videos:

```
class Video(models.Model):
    title = models.CharField(max_length=200)
    description = models.TextField(blank=True, null=True)
    file = models.FileField(upload_to='video/')
    upload_date = models.DateTimeField(auto_now_add=True)

def __str__(self):
    return self.title

@property
def is_video(self):
    return self.file.name.lower().endswith(('.mp4', '.mov', '.avi'))
```

In the class are defined, the title, description the file to upload and the upload date of the video. Then they have a @property that allows to access the method like an attribute. This property checks whether the file associated with the model is a video.

SCREENS:

- Home:

Home Images Videos About Welcome to Media Manager © 2024 Media Collection. All rights reserved.

- Upload images:



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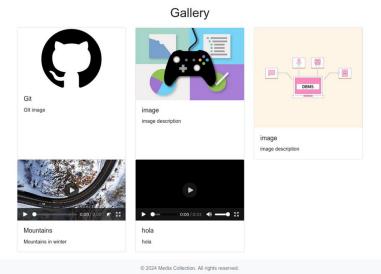
- Upload videos: Home Images Videos About



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- Gallery:

■ Home Images Videos About



- About:

Home Images Videos About

About Us

Welcome to Media Manager. We provide a platform to manage your media files efficiently

Our Mission

Our mission is to provide the best media management tools to help you organize and access your media files with ease.

Our Team

We are a group of passionate individuals dedicated to improving your media management experience

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Challenges:

- How to upload videos and images from the page.
- Verify the format of the videos and images.
- How to show db files on the page.