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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)

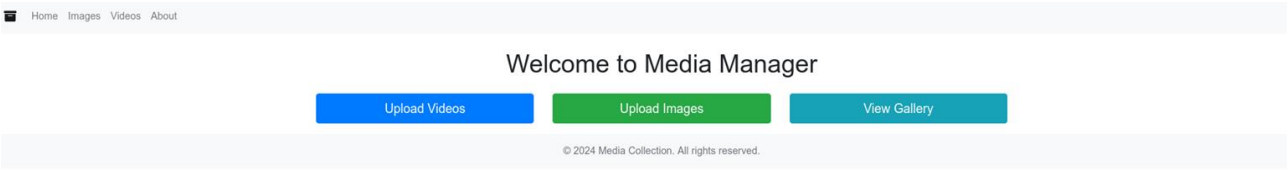
    def __str__(self):
        return self.title

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

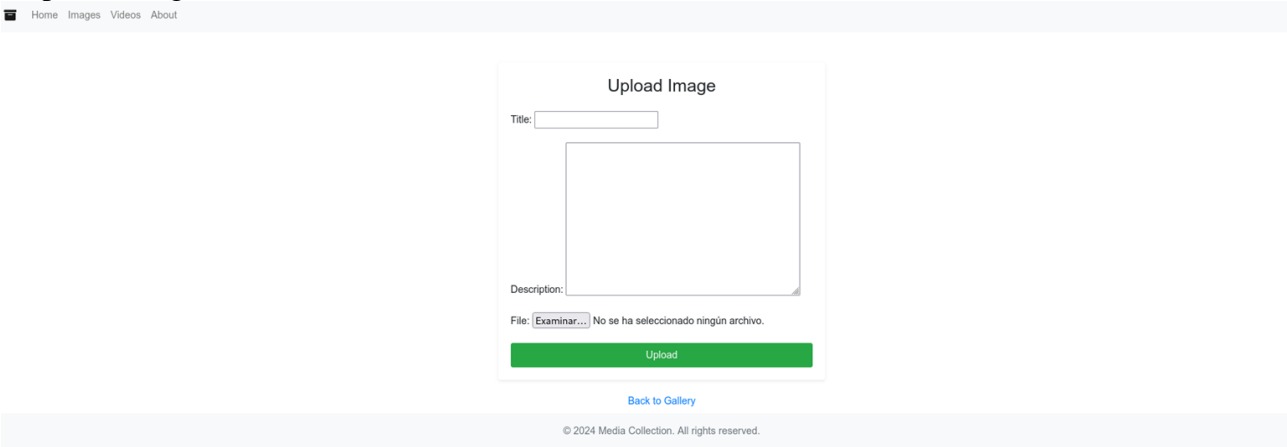
In the class are defined, the title, description the file to upload and the upload date of the video. Then they have a @property that allows to access the method like an attribute. This property checks whether the file associated with the model is a video.

SCREENS:

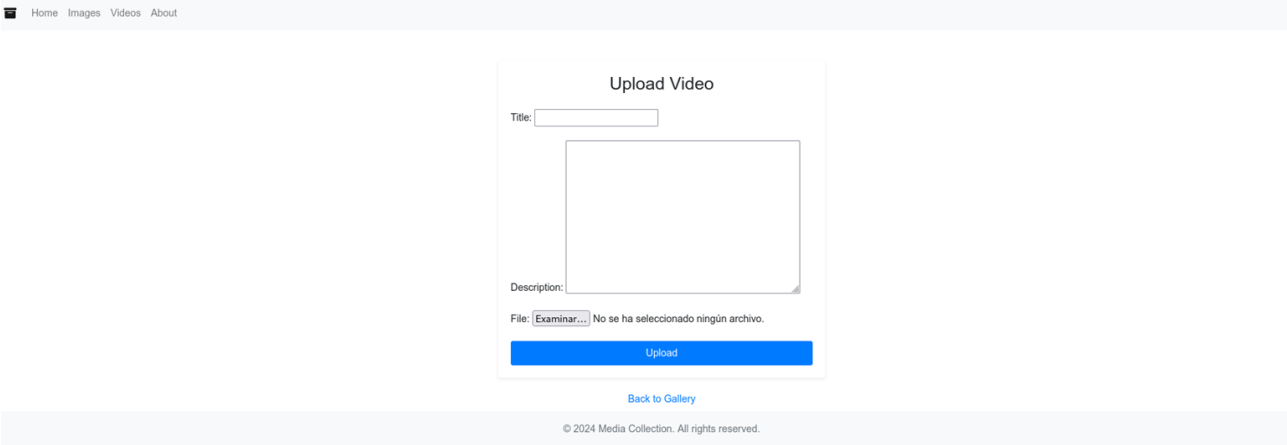
- Home:



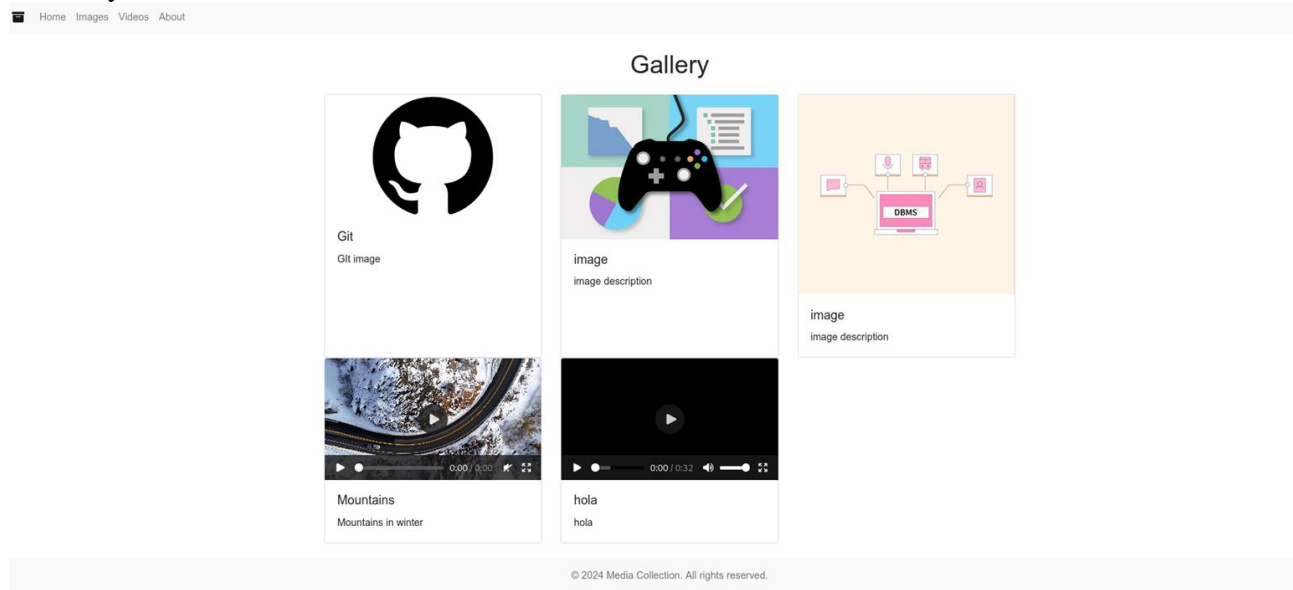
- Upload images:



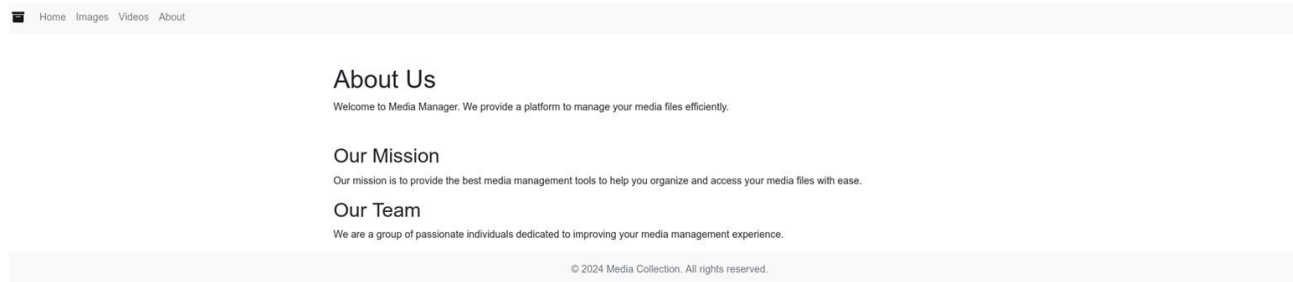
- Upload videos:



## - Gallery:



## - About:



## 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.