

Presentation of the filter project



2023-2024

Introduction:

Filter Project is a comprehensive image-filtering application that offers a variety of filters, including basic, Instagram-inspired, and Apple-style filters. The project allows users to enhance their images with multiple filter options, save their favorite results, and experiment with different effects.

The Basic Filter:

basic filter includes the following filters:

Sepia: Applies a warm, brownish tone to images.

Invert: Inverts the colors of the image.

Sketch: Converts the image to a sketch effect.

HSV Filter: Adjusts the Hue, Saturation, and Value of the image.

Color Overlay: Applies a color overlay on the image.

Blur: Applies a blur effect to soften the image.

Portrait Mode: Enhances the portrait effect by blurring the background.

Gray Scale: Converts the image to grayscale.

Bright: Increases the brightness of the image.

Intro of instaFilters:

The Instagram-inspired filters available are:

- **Rio de Janeiro:** Boosts contrast, brightness, and saturation for a vibrant look.
- **Tokyo:** Adds a cool, low-saturation effect for a modern, urban feel.
- **Cairo:** Provides a warm tone with high contrast, emulating a desert ambiance.
- **Jaipur:** Offers soft warmth with gentle contrast for a pastel-like appearance.
- **New York:** Gives a gritty, high contrast with a slightly darker feel.
- **Buenos Aires:** Bright and sunny with warm tones for a cheerful look.
- **Abu Dhabi:** High brightness with warm, desert-like tones.
- **Jakarta:** Saturated and high contrast with vibrant, moody tones.
- **Melbourne:** Features cool tones with reduced brightness for a calm atmosphere.
- **Lagos:** High contrast with warm golden tones for a rich, vibrant feel.
- **Oslo:** Cool, desaturated tones for a winter-like appearance.
- **Los Angeles:** High brightness with soft contrast for a sunny, soft look.
- **Paris:** Soft contrast with warm pinkish tones for a romantic, dreamy effect.

The Instagram filter section includes left and right buttons to toggle between filters and a save button to save the selected filter photo.

Intro of the iphonefilters:

Apple-style filters include:

Vivid: Increases contrast.

Vivid Warm: Adds a yellow tint to the Vivid filter.

Vivid Cool: Adds a blue tint to the Vivid filter.

Dramatic: Increases shadows and decreases highlights.

Dramatic Warm: Adds a yellow tint to the Dramatic filter.

Dramatic Cool: Adds a blue tint to the Dramatic filter.

Mono: Converts the image to black and white.

Silvertone: Converts the image to black and white with increased shadows.

Future aspect of this project

- ▶ Future aspect of this filter will be used more because this provides very hilarious filter by which you can easily take a snap in different color and shape

Thanks All of you

