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Team ID	NM2023TMID02729
Project name	How to create Brand name, Brand logo and Brand email

Exception Handling

Exception handling in a service that creates brand name logos and manages email branding is essential to ensure smooth user experiences and to address potential issues that may arise. Here are some key considerations for exception handling in such a service:

```
def create_logo(text, font_size, output_file):
    try:
        # Create a blank image with a white background
        width, height = 500, 200
        image = Image.new("RGB", (width, height), "white")
        draw = ImageDraw.Draw(image)

        # Define text and font
        font = ImageFont.truetype("arial.ttf", font_size)

        # Calculate text size and position
        text_width, text_height = draw.textsize(text, font)
        x = (width - text_width) / 2
        y = (height - text_height) / 2

        # Choose text color
        text_color = (0, 0, 0)  # Black
```

```
    # Add text to the image
    draw.text((x, y), text, fill=text_color, font=font)

    # Save the image as a logo
    image.save(output_file)

    print(f"Brand logo created successfully and saved as {output_file}")
    except FileNotFoundError:
    print("Font file not found. Make sure the font file 'arial.ttf' is available.")
    except Exception as e:
    print(f"An error occurred: {e}")

   # Test the create_logo function
   try:
create_logo("My Brand", 40, "brand_logo.png")
create_logo("Another Brand", "invalid_font_size", "brand_logo.png")
 except Exception as e:
print(f"Test Error: {e}")
```

In this example, we have an **create_logo** function that creates a brand name logo and saves it to a file. Exception handling is applied:

If the font file ("arial.ttf") is not found, it catches a FileNotFoundError and provides a specific error message.

For other exceptions, it catches the generic Exception and prints the error message.