Exception Handling

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NM ID	NM2023TMID02686
Team Leader	4D21A5C50AF556B843740F0BC6A08256
Team Member-1	6DE924429DF412F995C4F1EE65575B7E
Team Member-2	EFB8ED0F739692E8D7E44F7D8E5E9DB3
Team Member-3	ED4AABD1B82CD2E8B464A8282C13431D
Project Title	To create Brand Name, Brand Email and .Brand Logo using Canva

The common exceptions that can occur when creating a brand name, email, and logo in Canva are as follows:

1.Brand name

Exception: The brand name is already taken.

Handling: Try a different brand name, or use a variation of your existing brand name. You can also try using a different domain extension, such as .co or .net.

2.Brand Email

Exception: The email address is already in use.

Handling: Try a different email address, or use a variation of your existing email address. You can also try using a different email provider, such as Gmail or Outlook.

3.Logo

Exception: The logo is too similar to an existing logo.

Handling: Make changes to your logo to make it more unique. You can also try using different colors, fonts, and shapes.

Here is an example program of Exception Handling for creating a Brand Name, Brand Email and Brand Logo:

```
def create_brand_name_email_logo(brand_name, email, logo_path):
  """Creates a brand name, email, and logo in Canva.

  Args:
    brand_name: The brand name.
    email: The email address.
    logo_path: The path to the logo image file.

  Raises:
    BrandNameTakenException: If the brand name is already taken.
    EmailAddressTakenException: If the email address is already in use.
  """

  # Check if the brand name is already taken.
  if brand_name in existing_brand_names:
    raise BrandNameTakenException(brand_name)

  # Check if the email address is already in use.
```

```python
    if email in existing_email_addresses:
        raise EmailAddressTakenException(email)

    # Create the brand name in Canva.
    canva.create_brand_name(brand_name)

    # Create the email address in Canva.
    canva.create_email_address(email)

    # Create the logo in Canva.
    canva.create_logo(logo_path)


# Define custom exceptions.
class BrandNameTakenException(Exception):
    def _init_(self, brand_name):
        super()._init_(f"The brand name '{brand_name}' is already taken.")


class EmailAddressTakenException(Exception):
    def _init_(self, email):
        super()._init_(f"The email address '{email}' is already in use.")


# Example usage:

# Create a list of existing brand names.
```

```python
existing_brand_names = ["Google", "Microsoft", "Apple"]


# Create a list of existing email addresses.

existing_email_addresses = ["test@gmail.com", "test@outlook.com",
"test@yahoo.com"]


# Create a new brand name, email, and logo.

try:

  create_brand_name_email_logo("My New Brand", "test@example.com",
"logo.png")

except BrandNameTakenException as e:

  print(e)

except EmailAddressTakenException as e:

  print(e)
```