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import os
from PIL import Image, ImageDraw, ImageFont

# --- Configuration ---
OUTPUT_DIR = "HRbiz_Branding_Kit"
DPI = 300
# Convert inches to pixels at 300 DPI
CARD_W = int(3.5 * DPI)
CARD_H = int(2.0 * DPI)
LOGO_SIZE = (1000, 1000)

# --- Color Palette ---
NAVY = (26, 60, 94, 255)    # Municipal Navy
TEAL = (46, 139, 153, 255)  # Compliance Teal
SLATE = (74, 85, 104, 255)  # Fact-Finding Slate
WHITE = (255, 255, 255, 255)
GOLD = (214, 158, 46, 255)  # Safety Gold

# Ensure output directory exists
if not os.path.exists(OUTPUT_DIR):
    os.makedirs(OUTPUT_DIR)

def get_font(size, bold=False):
    """
    Attempts to load a system font. Falls back to default if not
found.
    Adjust paths for Termux/Android if you have custom fonts loaded.
    """
    try:
        # Common paths for fonts on Linux/Android
        # Using a sans-serif font
        font_names = ["Roboto-Bold.ttf" if bold else
"Roboto-Regular.ttf",
                      "DejaVuSans-Bold.ttf" if bold else
"DejaVuSans.ttf",
                      "Arial.ttf"]

        for name in font_names:
            # Check standard android font path or current dir
            if os.path.exists(f"/system/fonts/{name}"):
                return ImageFont.truetype(f"/system/fonts/{name}",
size)

    except Exception:
        pass
    return ImageFont.load_default()

def create_logo():
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    """Generates the Logo Placeholder (Transparent PNG)"""
    print("Generating Logo...")
    img = Image.new('RGBA', LOGO_SIZE, (255, 255, 255, 0)) #
Transparent
    draw = ImageDraw.Draw(img)

    # Draw Shield (Simple Polygon)
    center_x, center_y = LOGO_SIZE[0] // 2, LOGO_SIZE[1] // 2
    shield_points = [
        (center_x, 100),              # Top tip
        (center_x + 300, 200),        # Top right
        (center_x + 300, 500),        # Bottom right start curve
        (center_x, 800),              # Bottom tip
        (center_x - 300, 500),        # Bottom left start curve
        (center_x - 300, 200),        # Top left
    ]

    # Shield Fill (Teal) and Outline (Navy)
    draw.polygon(shield_points, fill=TEAL, outline=NAVY)

    # Add Shield Detail (Inner Navy Stripe for "Protection")
    draw.line([(center_x, 200), (center_x, 700)], fill=NAVY, width=20)

    # Text: HRbiz.org
    # Since default fonts are small, we might need to scale text
roughly if using default
    # For this script, we assume a scalable font is available or use
simple placement

    # Note: drawing text with default font is tiny on 1000x1000 image.
    # We will try to draw a simple graphical representation if font
fails,
    # but let's attempt a large font load.

    font = get_font(120, bold=True)
    text = "HRbiz.org"

    # textbbox is available in newer Pillow, textsize in older
    try:
        left, top, right, bottom = draw.textbbox((0, 0), text,
font=font)
        text_w, text_h = right - left, bottom - top
    except AttributeError:
        text_w, text_h = draw.textsize(text, font=font)

    # Draw text below shield
    draw.text(((LOGO_SIZE[0] - text_w) / 2, 820), text, font=font,
fill=NAVY)
```

```
    img.save(f"{OUTPUT_DIR}/logo_placeholder.png", "PNG", dpi=(DPI,
DPI))

def create_business_card_front():
    """Generates Business Card Front"""
    print("Generating Business Card Front...")
    img = Image.new('RGB', (CARD_W, CARD_H), NAVY)
    draw = ImageDraw.Draw(img)

    # Add Accent Bar
    draw.rectangle([(0, CARD_H - 100), (CARD_W, CARD_H)], fill=TEAL)

    # Add Text
    font_large = get_font(80, bold=True)
    font_small = get_font(40, bold=False)

    draw.text((100, 200), "HRbiz.org", font=font_large, fill=WHITE)
    draw.text((100, 320), "Compliance Confidence for California",
font=font_small, fill=GOLD)

    img.save(f"{OUTPUT_DIR}/business_card_front.png", "PNG", dpi=(DPI,
DPI))

def create_business_card_back():
    """Generates Business Card Back"""
    print("Generating Business Card Back...")
    img = Image.new('RGB', (CARD_W, CARD_H), WHITE)
    draw = ImageDraw.Draw(img)

    # Clean Layout
    font_name = get_font(60, bold=True)
    font_title = get_font(45, bold=False)
    font_info = get_font(35, bold=False)

    # Name & Title
    draw.text((100, 150), "Mario Espindola, MPA", font=font_name,
fill=NAVY)
    draw.text((100, 230), "Principal HR Consultant", font=font_title,
fill=SLATE)

    # Divider
    draw.line([(100, 300), (CARD_W - 100, 300)], fill=TEAL, width=5)

    # Contact Info
    info_start_y = 350
    gap = 60
    draw.text((100, info_start_y), "Adjunct Professor, Public HR
```

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Management", font=font_info, fill=SLATE)
    draw.text((100, info_start_y + gap), "626-242-7720",
font=font_info, fill=SLATE)
    draw.text((100, info_start_y + gap*2), "info@hrbiz.org",
font=font_info, fill=SLATE)
    draw.text((100, info_start_y + gap*3), "www.hrbiz.org",
font=font_info, fill=SLATE)

    img.save(f"{OUTPUT_DIR}/business_card_back.png", "PNG", dpi=(DPI,
DPI))

if __name__ == "__main__":
    create_logo()
    create_business_card_front()
    create_business_card_back()
    print(f"Assets generated in {OUTPUT_DIR}/")
```