from pptx import Presentation

from pptx.util import Inches, Pt

from pptx.dml.color import RGBColor

# Create a new presentation

prs = Presentation()

blank\_layout = prs.slide\_layouts[6]

# --- 1. Cover Slide ---

slide = prs.slides.add\_slide(blank\_layout)

shape = slide.shapes.add\_shape(

1, Inches(1), Inches(2), Inches(8), Inches(1.5) # rectangle for title

)

text\_frame = shape.text\_frame

p = text\_frame.paragraphs[0]

run = p.add\_run()

run.text = "عنوان المادة | Grade 10"

run.font.bold = True

run.font.size = Pt(40)

run.font.color.rgb = RGBColor(255, 255, 255)

shape.fill.solid()

shape.fill.fore\_color.rgb = RGBColor(30, 30, 30)

shape.line.fill.background()

# --- 2. Table of Contents ---

slide = prs.slides.add\_slide(blank\_layout)

title\_box = slide.shapes.add\_textbox(Inches(0.5), Inches(0.3), Inches(9), Inches(1)).text\_frame

title\_box.paragraphs[0].text = "Table of Contents"

title\_box.paragraphs[0].font.size = Pt(32)

for i in range(1, 6):

toc\_box = slide.shapes.add\_textbox(Inches(0.75), Inches(0.8 + i\*0.6), Inches(8), Inches(0.5)).text\_frame

toc\_par = toc\_box.paragraphs[0]

toc\_par.text = f"Unit {i}: ...................... Page \_\_\_"

toc\_par.font.size = Pt(20)

# --- 3. Lesson Layout ---

slide = prs.slides.add\_slide(blank\_layout)

header = slide.shapes.add\_textbox(Inches(0.5), Inches(0.3), Inches(9), Inches(1)).text\_frame

header.text = "Unit Title – Lesson Title"

header.paragraphs[0].font.size = Pt(28)

slide.shapes.add\_textbox(Inches(0.5), Inches(1.3), Inches(5), Inches(5)).text\_frame.text = (

"Hook / Intro\n\nKey concept explanation with bullet points..."

)

slide.shapes.add\_textbox(Inches(5.6), Inches(1.3), Inches(3.5), Inches(5)).text\_frame.text = (

"[Place Illustration / Infographic Here]"

)

# --- 4. Summary / Recap ---

slide = prs.slides.add\_slide(blank\_layout)

recap\_header = slide.shapes.add\_textbox(Inches(0.5), Inches(0.3), Inches(9), Inches(1)).text\_frame

recap\_header.text = "Unit Recap & Comparison Table"

table\_shape = slide.shapes.add\_table(4, 3, Inches(0.5), Inches(1.2), Inches(8.5), Inches(3)).table

for r in range(4):

for c in range(3):

table\_shape.cell(r, c).text = f"R{r+1}C{c+1}"

# --- 5. Back Matter ---

slide = prs.slides.add\_slide(blank\_layout)

back\_header = slide.shapes.add\_textbox(Inches(0.5), Inches(0.3), Inches(9), Inches(1)).text\_frame

back\_header.text = "Glossary / Cheat Sheet"

back\_header.paragraphs[0].font.size = Pt(28)

slide.shapes.add\_textbox(Inches(0.5), Inches(1.3), Inches(8.5), Inches(5)).text\_frame.text = (

"Add key terms and definitions here..."

)

# Save the template

file\_path = "/mnt/data/Grade10\_Book\_Template.pptx"

prs.save(file\_path)

file\_path