import os

from google.oauth2 import service\_account

from googleapiclient.discovery import build

from telegram import Update, InlineKeyboardButton, InlineKeyboardMarkup

from telegram.ext import ApplicationBuilder, CommandHandler, CallbackQueryHandler, ContextTypes

TOKEN = os.environ.get("TELEGRAM\_TOKEN")

if not TOKEN:

raise RuntimeError("TELEGRAM\_TOKEN environment variable not set")

SERVICE\_ACCOUNT\_FILE = "goma8rabot.json"

SCOPES = ['https://www.googleapis.com/auth/drive']

credentials = service\_account.Credentials.from\_service\_account\_file(SERVICE\_ACCOUNT\_FILE, scopes=SCOPES)

drive\_service = build('drive', 'v3', credentials=credentials)

subjects = {

"radiology": "📸 أشعة",

"nursing": "🏥 تمريض",

"geology": "🌍 جولوجيا",

"pharmacy": "💊 صيدلة",

"medicine": "طب",

"dentistry": "🦷 طب أسنان",

"psychology": "🧠 علم نفس",

"cs": "📚 علوم حاسوب",

"law": "⚖️ قانون",

"labs": "🔬 مختبرات",

"engineering": "⚙️ هندسة"

}

folders = {

"radiology": "1qGLVIb71JhHEmTHdBvnThXrlsGhwDdoh",

"nursing": "1z4Zh1eFeweIi7izDsNUO2nlG\_Iei48k4",

"geology": "11GTK13elJF9cAPQtnaPz4aUN5Oi0PwRm",

"pharmacy": "1sOojMbVHyLLia4HG6Iz-d92WOA4fGfil",

"medicine": "rzgrdD1sIP0JPNluUoBDg28paEUhP7-W",

"dentistry": "1IpK4BnkPWdzARyPiFvVhvcAY\_efcBgkc",

"psychology": "13-Rq9JA1iWnbqsEM2WQ6w5pdBgzCzLHP",

"cs": "16HgccDzkp4gAkEnDpz1kj3BFsfVxvYeS",

"law": "1fMzDXxb3Xiz5wB92eE6H7ziiSLjPKgTK",

"labs": "1jXElSpXAGwNRDLoHB\_sz2DbkBShQtsHa",

"engineering": "17ypQxWyVZ\_5PdixUo0Gop4p-0YiP0csx"

}

async def start(update: Update, context: ContextTypes.DEFAULT\_TYPE):

keyboard = [[InlineKeyboardButton(name, callback\_data=key)] for key, name in subjects.items()]

reply\_markup = InlineKeyboardMarkup(keyboard)

await update.message.reply\_text("اختر التخصص:", reply\_markup=reply\_markup)

async def handle\_subject(update: Update, context: ContextTypes.DEFAULT\_TYPE):

query = update.callback\_query

await query.answer()

subject = query.data

folder\_id = folders.get(subject)

if not folder\_id:

await query.edit\_message\_text("لا يوجد مجلد مخصص لهذا التخصص.")

return

results = drive\_service.files().list(

q=f"'{folder\_id}' in parents and trashed = false",

fields="files(id, name, webViewLink)"

).execute()

files = results.get('files', [])

if not files:

await query.edit\_message\_text(f"لا توجد محاضرات مرفوعة لتخصص {subjects[subject]}.")

return

keyboard = []

for file in files:

keyboard.append([InlineKeyboardButton(file['name'], url=file['webViewLink'])])

reply\_markup = InlineKeyboardMarkup(keyboard)

await query.edit\_message\_text(text=f"محاضرات تخصص {subjects[subject]}:", reply\_markup=reply\_markup)

app = ApplicationBuilder().token(TOKEN).build()

app.add\_handler(CommandHandler("start", start))

app.add\_handler(CallbackQueryHandler(handle\_subject, pattern="^(radiology|nursing|geology|pharmacy|medicine|dentistry|psychology|cs|law|labs|engineering)$"))

app.run\_polling()