import kivy

from kivy.app import App

from kivy.uix.label import Label

from kivy.uix.textinput import TextInput

from kivy.uix.button import Button

from kivy.uix.floatlayout import FloatLayout

from kivy.uix.screenmanager import ScreenManager, Screen

from kivy.core.window import Window

import json

class LoginScreen(Screen):

def \_init\_(self, \*\*kwargs):

super(LoginScreen, self).\_init\_(\*\*kwargs)

layout = FloatLayout()

self.label = Label(

text="Login to the Medicare App",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.9},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.label)

self.username\_input = TextInput(

hint\_text="Username",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.7},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.username\_input)

self.password\_input = TextInput(

hint\_text="Password",

password=True,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.55},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.password\_input)

self.password\_visibility\_button = Button(

text="Show",

on\_press=self.toggle\_password\_visibility,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.4},

size\_hint=(0.3, 0.1),

background\_color=(0, 0, 0, 0),

color=(0, 0, 1, 1)

)

layout.add\_widget(self.password\_visibility\_button)

login\_button = Button(

text="Login",

on\_press=self.login,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.25},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(login\_button)

sign\_up\_button = Button(

text="Sign Up",

on\_press=self.signup,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.1},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(sign\_up\_button)

self.add\_widget(layout)

def toggle\_password\_visibility(self, instance):

if self.password\_input.password:

self.password\_input.password = False

self.password\_visibility\_button.text = "Hide"

else:

self.password\_input.password = True

self.password\_visibility\_button.text = "Show"

def login(self, instance):

username = self.username\_input.text.strip()

password = self.password\_input.text.strip()

if username in app.users and app.users[username] == password:

self.manager.current = "search"

app.current\_user = username # Store the current user

app.current\_user\_history\_file = f"{username}\_history.txt" # Set the current user's history file

else:

self.label.text = "Invalid username or password"

def signup(self, instance):

self.manager.current = "signup"

class SignUpScreen(Screen):

def \_init\_(self, \*\*kwargs):

super(SignUpScreen, self).\_init\_(\*\*kwargs)

layout = FloatLayout()

self.label = Label(

text="Create a new account",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.85},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.label)

self.username\_input = TextInput(

hint\_text="Username",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.7},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.username\_input)

self.password\_input = TextInput(

hint\_text="Password",

password=True,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.55},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.password\_input)

self.password\_visibility\_button = Button(

text="Show",

on\_press=self.toggle\_password\_visibility,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.35},

size\_hint=(0.3, 0.1),

background\_color=(0, 0, 0, 0),

color=(0, 0, 1, 1)

)

layout.add\_widget(self.password\_visibility\_button)

back\_button = Button(

text="Back",

on\_press=self.go\_to\_login,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.1},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(back\_button)

sign\_up\_button = Button(

text="Sign Up",

on\_press=self.sign\_up,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.25},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(sign\_up\_button)

self.add\_widget(layout)

def toggle\_password\_visibility(self, instance):

if self.password\_input.password:

self.password\_input.password = False

self.password\_visibility\_button.text = "Hide"

else:

self.password\_input.password = True

self.password\_visibility\_button.text = "Show"

def go\_to\_login(self, instance):

self.manager.current = "login"

def sign\_up(self, instance):

username = self.username\_input.text.strip()

password = self.password\_input.text.strip()

if username and password:

app.users[username] = password

self.save\_user\_credentials()

self.manager.current = "login"

app.current\_user = username # Store the current user

app.current\_user\_history\_file = f"{username}\_history.txt" # Set the current user's history file

def save\_user\_credentials(self):

with open("users.json", "w") as file:

json.dump(app.users, file)

class SearchScreen(Screen):

def \_init\_(self, \*\*kwargs):

super(SearchScreen, self).\_init\_(\*\*kwargs)

layout = FloatLayout()

self.label = Label(

text="Welcome to the Medicare Search App!",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.8},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.label)

self.text\_input = TextInput(

hint\_text="Enter the name of a medicine",

pos\_hint={'center\_x': 0.5, 'center\_y': 0.6},

size\_hint=(0.6, 0.1)

)

layout.add\_widget(self.text\_input)

search\_button = Button(

text="Search",

on\_press=self.search\_medicine,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.45},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(search\_button)

history\_button = Button(

text="History",

on\_press=self.show\_history,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.3},

size\_hint=(0.3, 0.1),

background\_color=(0, 0.7, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(history\_button)

quit\_button = Button(

text="Quit",

on\_press=self.quit\_app,

pos\_hint={'center\_x': 0.5, 'center\_y': 0.15},

size\_hint=(0.3, 0.1),

background\_color=(0.7, 0, 0, 1),

color=(1, 1, 1, 1)

)

layout.add\_widget(quit\_button)

self.add\_widget(layout)

def search\_medicine(self, instance):

medicine\_name = self.text\_input.text.strip()

medicine\_uses = self.search\_medicine\_in\_database(medicine\_name)

self.save\_search\_history(medicine\_name)

self.label.text = f"Medicine Uses: {medicine\_uses}"

def search\_medicine\_in\_database(self, medicine\_name):

# Medicine database

medicine\_database = {

"paracetamol": "Relieves pain and reduces fever",

"ibuprofen": "Relieves pain, reduces inflammation, and lowers fever",

"aspirin": "Relieves pain, reduces inflammation, lowers fever, and prevents blood clotting",

"amoxicillin": "Treats bacterial infections",

"azithromycin": "Treats respiratory and skin infections",

"ciprofloxacin": "Treats urinary tract and other bacterial infections",

"omeprazole": "Reduces stomach acid and treats acid reflux and ulcers",

"lansoprazole": "Reduces stomach acid and treats acid reflux and ulcers",

"ranitidine": "Reduces stomach acid and treats acid reflux and ulcers",

"metformin": "Controls blood sugar levels in diabetes",

"atorvastatin": "Lowers cholesterol levels",

"simvastatin": "Lowers cholesterol levels",

"levothyroxine": "Replaces or supplements thyroid hormone",

"escitalopram": "Treats depression and anxiety",

"sertraline": "Treats depression, anxiety, and panic disorder",

"citalopram": "Treats depression and anxiety",

"metoprolol": "Treats high blood pressure and heart-related conditions",

"amlodipine": "Treats high blood pressure and chest pain",

"hydrochlorothiazide": "Treats high blood pressure and reduces fluid retention",

"losartan": "Treats high blood pressure and heart failure",

"furosemide": "Treats fluid retention and high blood pressure",

"prednisone": "Reduces inflammation and treats various conditions",

"albuterol": "Relieves asthma symptoms and opens airways",

"diphenhydramine": "Relieves allergies, itching, and helps with sleep",

"dextromethorphan": "Suppresses cough",

"guaifenesin": "Relieves cough and loosens mucus",

"naproxen": "Relieves pain and reduces inflammation",

"fexofenadine": "Relieves allergies and reduces symptoms",

"fluticasone": "Reduces inflammation in the airways and treats nasal allergies",

"salbutamol": "Relieves asthma symptoms and opens airways",

"pantoprazole": "Reduces stomach acid and treats acid reflux and ulcers",

"gabapentin": "Treats seizures, nerve pain, and restless legs syndrome",

"clonazepam": "Treats seizures, panic disorder, and anxiety",

"diazepam": "Relieves anxiety, muscle spasms, and seizures",

"tramadol": "Relieves moderate to severe pain",

"codeine": "Relieves mild to moderate pain and suppresses cough",

"hydrocodone": "Relieves moderate to severe pain",

"oxycodone": "Relieves moderate to severe pain",

"morphine": "Relieves severe pain",

"warfarin": "Prevents blood clots",

"clopidogrel": "Prevents blood clots and reduces the risk of heart attacks and strokes",

"insulin": "Regulates blood sugar levels in diabetes",

"carvedilol": "Treats high blood pressure and heart failure",

"lorazepam": "Relieves anxiety, insomnia, and seizures",

"mirtazapine": "Treats depression and improves sleep",

"quetiapine": "Treats bipolar disorder and schizophrenia",

"haloperidol": "Treats psychotic disorders and severe behavior problems",

"duloxetine": "Treats depression, anxiety, and nerve pain",

"venlafaxine": "Treats depression, anxiety, and panic disorder",

"trazodone": "Treats depression and improves sleep",

"acetaminophen": "Relieves pain and reduces fever",

"diphenoxylate/atropine": "Treats diarrhea",

"clindamycin": "Treats bacterial infections",

"erythromycin": "Treats bacterial infections",

"fluconazole": "Treats fungal infections",

"cefalexin": "Treats bacterial infections",

"cefixime": "Treats bacterial infections",

"cephalexin": "Treats bacterial infections",

"amikacin": "Treats bacterial infections",

"ceftriaxone": "Treats bacterial infections",

"ceftazidime": "Treats bacterial infections",

"cefotaxime": "Treats bacterial infections",

"meropenem": "Treats bacterial infections",

"imipenem/cilastatin": "Treats bacterial infections",

"cefepime": "Treats bacterial infections",

"aztreonam": "Treats bacterial infections",

"gentamicin": "Treats bacterial infections",

"tobramycin": "Treats bacterial infections",

"amphotericin B": "Treats fungal infections",

"ketoconazole": "Treats fungal infections",

"miconazole": "Treats fungal infections",

"nystatin": "Treats fungal infections",

"fluoxetine": "Treats depression, obsessive-compulsive disorder, and panic disorder",

"bupropion": "Treats depression and aids smoking cessation",

"phenobarbital": "Controls seizures",

"phenytoin": "Controls seizures",

"carbamazepine": "Controls seizures and treats nerve pain",

"valproate": "Controls seizures and treats bipolar disorder",

"lithium": "Treats bipolar disorder",

"atomoxetine": "Treats attention-deficit hyperactivity disorder (ADHD)",

"olanzapine": "Treats bipolar disorder and schizophrenia",

"risperidone": "Treats bipolar disorder and schizophrenia",

"quinapril": "Treats high blood pressure and heart failure",

"lisinopril": "Treats high blood pressure and heart failure",

"enalapril": "Treats high blood pressure and heart failure",

"ramipril": "Treats high blood pressure and heart failure",

"captopril": "Treats high blood pressure and heart failure",

"nebivolol": "Treats high blood pressure and heart failure",

"metoprolol tartrate": "Treats high blood pressure and heart-related conditions",

"metoprolol succinate": "Treats high blood pressure and heart-related conditions",

"propranolol": "Treats high blood pressure, angina, and tremors",

"enoxaparin": "Prevents blood clots",

"dalteparin": "Prevents blood clots",

"rivaroxaban": "Prevents blood clots",

"apixaban": "Prevents blood clots",

"edoxaban": "Prevents blood clots",

"heparin": "Prevents blood clots",

"clozapine": "Treats schizophrenia",

"aripiprazole": "Treats bipolar disorder and schizophrenia",

"lamotrigine": "Controls seizures and treats bipolar disorder",

"topiramate": "Controls seizures and treats migraine",

"gabapentin enacarbil": "Treats restless legs syndrome and nerve pain",

"sumatriptan": "Treats migraine",

"duloxetine": "Treats depression, anxiety, and nerve pain",

"buprenorphine": "Treats moderate to severe pain and opioid addiction",

"methadone": "Treats moderate to severe pain and opioid addiction",

"citalopram": "Treats depression and anxiety",

"clomipramine": "Treats depression and obsessive-compulsive disorder",

"desvenlafaxine": "Treats depression and anxiety",

"doxepin": "Treats depression and anxiety",

"escitalopram": "Treats depression and anxiety",

"fluvoxamine": "Treats obsessive-compulsive disorder and anxiety",

"nortriptyline": "Treats depression",

"protriptyline": "Treats depression",

"trimipramine": "Treats depression",

"venlafaxine": "Treats depression, anxiety, and panic disorder",

"hydroxyzine": "Relieves itching, allergies, and anxiety",

"buspirone": "Treats anxiety",

"pregabalin": "Treats nerve pain and seizures",

"zolpidem": "Treats insomnia",

"diphenhydramine": "Relieves allergies, itching, and helps with sleep",

"chlorpheniramine": "Relieves allergies and allergic reactions",

"promethazine": "Relieves allergies and motion sickness",

"hydroxyzine": "Relieves itching, allergies, and anxiety",

"fexofenadine": "Relieves allergies and reduces symptoms",

"cetirizine": "Relieves allergies and reduces symptoms",

"levocetirizine": "Relieves allergies and reduces symptoms",

"loratadine": "Relieves allergies and reduces symptoms",

"mometasone": "Treats nasal allergies and skin conditions",

"fluticasone": "Reduces inflammation in the airways and treats nasal allergies",

"budesonide": "Reduces inflammation in the airways and treats nasal allergies",

"beclomethasone": "Reduces inflammation in the airways and treats nasal allergies",

"montelukast": "Treats asthma and allergies",

"bimatoprost": "Treats glaucoma and promotes eyelash growth",

"timolol": "Treats glaucoma and reduces intraocular pressure",

"brimonidine": "Treats glaucoma and reduces intraocular pressure",

"travoprost": "Treats glaucoma and reduces intraocular pressure",

"dorzolamide": "Treats glaucoma and reduces intraocular pressure",

"acetazolamide": "Treats glaucoma and reduces intraocular pressure",

"latanoprost": "Treats glaucoma and reduces intraocular pressure",

"pilocarpine": "Treats glaucoma and reduces intraocular pressure",

"prednisolone": "Reduces inflammation and treats various conditions",

"dexamethasone": "Reduces inflammation and treats various conditions",

"methylprednisolone": "Reduces inflammation and treats various conditions",

"hydrocortisone": "Reduces inflammation and treats various conditions",

"triamcinolone": "Reduces inflammation and treats various conditions",

"ethinylestradiol": "Prevents pregnancy and regulates menstrual cycle",

"levonorgestrel": "Prevents pregnancy",

"desogestrel": "Prevents pregnancy",

"norgestimate": "Prevents pregnancy",

"drospirenone": "Prevents pregnancy",

"norethisterone": "Treats menstrual disorders and hormone replacement therapy",

"medroxyprogesterone": "Treats menstrual disorders and hormone replacement therapy",

"mifepristone": "Terminates pregnancy",

"misoprostol": "Terminates pregnancy and prevents stomach ulcers",

"etonogestrel": "Prevents pregnancy",

"ulipristal": "Prevents pregnancy",

"norelgestromin": "Prevents pregnancy",

"raloxifene": "Treats osteoporosis and reduces the risk of breast cancer",

"estradiol": "Treats menopause symptoms and hormone replacement therapy",

"tibolone": "Treats menopause symptoms and hormone replacement therapy",

"progesterone": "Treats menstrual disorders and hormone replacement therapy",

"dienogest": "Treats endometriosis",

"danazol": "Treats endometriosis and fibrocystic breast disease",

"cyclosporine": "Suppresses the immune system and prevents organ rejection",

"tacrolimus": "Suppresses the immune system and prevents organ rejection",

"sirolimus": "Suppresses the immune system and prevents organ rejection",

"mycophenolate": "Suppresses the immune system and prevents organ rejection",

"azathioprine": "Suppresses the immune system and prevents organ rejection",

"cyclophosphamide": "Treats cancer and autoimmune diseases",

"methotrexate": "Treats cancer and autoimmune diseases",

"fluorouracil": "Treats cancer",

"capecitabine": "Treats cancer",

"paclitaxel": "Treats cancer",

"docetaxel": "Treats cancer",

"cisplatin": "Treats cancer",

"carboplatin": "Treats cancer",

"oxaliplatin": "Treats cancer",

"gemcitabine": "Treats cancer",

"vinorelbine": "Treats cancer",

"vincristine": "Treats cancer",

"vinblastine": "Treats cancer",

"etoposide": "Treats cancer",

"pemetrexed": "Treats cancer",

"irinotecan": "Treats cancer",

"rituximab": "Treats cancer and autoimmune diseases",

"trastuzumab": "Treats cancer",

"bevacizumab": "Treats cancer",

"cetuximab": "Treats cancer",

"panitumumab": "Treats cancer",

"sunitinib": "Treats cancer",

"sorafenib": "Treats cancer",

"imatinib": "Treats cancer",

"dasatinib": "Treats cancer",

"erlotinib": "Treats cancer",

"gefitinib": "Treats cancer",

"lapatinib": "Treats cancer",

"crizotinib": "Treats cancer",

"everolimus": "Treats cancer",

"temsirolimus": "Treats cancer",

"axitinib": "Treats cancer",

"cabozantinib": "Treats cancer",

"nivolumab": "Treats cancer",

"pembrolizumab": "Treats cancer",

"ipilimumab": "Treats cancer",

"atezolizumab": "Treats cancer",

"durvalumab": "Treats cancer",

"avelumab": "Treats cancer",

"thioguanine": "Treats cancer",

"procarbazine": "Treats cancer",

"hydroxyurea": "Treats cancer",

"mercaptopurine": "Treats cancer",

"altretamine": "Treats cancer",

"bendamustine": "Treats cancer",

"bleomycin": "Treats cancer",

"mitomycin": "Treats cancer",

"mitoxantrone": "Treats cancer",

"epirubicin": "Treats cancer",

"idarubicin": "Treats cancer",

"daunorubicin": "Treats cancer",

"doxorubicin": "Treats cancer",

"pegfilgrastim": "Stimulates the production of white blood cells",

"filgrastim": "Stimulates the production of white blood cells",

"epoetin alfa": "Stimulates the production of red blood cells",

"darbepoetin alfa": "Stimulates the production of red blood cells",

"ferrous sulfate": "Treats iron deficiency anemia",

"folic acid": "Supplements folate and treats folate deficiency",

"cyanocobalamin": "Supplements vitamin B12 and treats B12 deficiency",

"ergocalciferol": "Supplements vitamin D and treats vitamin D deficiency",

"calcitriol": "Supplements vitamin D and treats vitamin D deficiency",

"phytomenadione": "Supplements vitamin K and treats vitamin K deficiency",

"phentermine": "Suppresses appetite and aids weight loss",

"orlistat": "Aids weight loss by blocking fat absorption",

"liraglutide": "Aids weight loss and regulates blood sugar levels",

"metformin": "Controls blood sugar levels in diabetes",

"insulin": "Regulates blood sugar levels in diabetes",

"sitagliptin": "Regulates blood sugar levels in diabetes",

"empagliflozin": "Regulates blood sugar levels in diabetes",

"canagliflozin": "Regulates blood sugar levels in diabetes",

"dapagliflozin": "Regulates blood sugar levels in diabetes",

"gliclazide": "Regulates blood sugar levels in diabetes",

"glimepiride": "Regulates blood sugar levels in diabetes",

"glipizide": "Regulates blood sugar levels in diabetes",

"linagliptin": "Regulates blood sugar levels in diabetes",

"saxagliptin": "Regulates blood sugar levels in diabetes",

"vildagliptin": "Regulates blood sugar levels in diabetes",

"rosiglitazone": "Regulates blood sugar levels in diabetes",

"pioglitazone": "Regulates blood sugar levels in diabetes",

"repaglinide": "Regulates blood sugar levels in diabetes",

"acarbose": "Regulates blood sugar levels in diabetes",

"dulaglutide": "Regulates blood sugar levels in diabetes",

"exenatide": "Regulates blood sugar levels in diabetes",

"semaglutide": "Regulates blood sugar levels in diabetes",

"insulin glargine": "Regulates blood sugar levels in diabetes",

"insulin degludec": "Regulates blood sugar levels in diabetes",

"insulin lispro": "Regulates blood sugar levels in diabetes",

"insulin aspart": "Regulates blood sugar levels in diabetes",

"insulin glulisine": "Regulates blood sugar levels in diabetes",

"insulin human": "Regulates blood sugar levels in diabetes",

"insulin isophane": "Regulates blood sugar levels in diabetes",

"insulin regular": "Regulates blood sugar levels in diabetes",

"alendronate": "Treats osteoporosis and prevents bone loss",

"risedronate": "Treats osteoporosis and prevents bone loss",

"ibandronate": "Treats osteoporosis and prevents bone loss",

"zoledronic acid": "Treats osteoporosis and prevents bone loss",

"denosumab": "Treats osteoporosis and prevents bone loss",

"calcitonin": "Treats osteoporosis and prevents bone loss",

"raloxifene": "Treats osteoporosis and reduces the risk of breast cancer",

"testosterone": "Supplements testosterone and treats testosterone deficiency",

"estradiol": "Treats menopause symptoms and hormone replacement therapy",

"levothyroxine": "Replaces or supplements thyroid hormone",

"liothyronine": "Replaces or supplements thyroid hormone",

"methimazole": "Treats hyperthyroidism",

"propylthiouracil": "Treats hyperthyroidism",

"hydroxychloroquine": "Treats malaria and autoimmune diseases",

"chloroquine": "Treats malaria and autoimmune diseases",

"ivermectin": "Treats parasitic infections",

"mebendazole": "Treats parasitic infections",

"praziquantel": "Treats parasitic infections",

"pyrimethamine": "Treats malaria and parasitic infections",

"quinine": "Treats malaria and muscle cramps",

"melatonin": "Regulates sleep-wake cycle and treats insomnia",

"zolpidem": "Treats insomnia",

"diphenhydramine": "Relieves allergies, itching, and helps with sleep",

"cetirizine": "Relieves allergies and reduces symptoms",

"loratadine": "Relieves allergies and reduces symptoms",

"fexofenadine": "Relieves allergies and reduces symptoms",

"montelukast": "Treats asthma and allergies",

"fluticasone": "Reduces inflammation in the airways and treats nasal allergies",

"budesonide": "Reduces inflammation in the airways and treats asthma",

"beclomethasone": "Reduces inflammation in the airways and treats asthma",

"mometasone": "Reduces inflammation in the airways and treats asthma",

"salbutamol": "Relieves asthma symptoms and opens airways",

"formoterol": "Relieves asthma symptoms and opens airways",

"salmeterol": "Relieves asthma symptoms and opens airways",

"ipratropium": "Relieves asthma symptoms and opens airways",

"tiotropium": "Relieves asthma symptoms and opens airways",

"glycopyrrolate": "Relieves asthma symptoms and opens airways",

"theophylline": "Relaxes the airway muscles and treats asthma",

"methylxanthines": "Relaxes the airway muscles and treats asthma",

"mupirocin": "Treats skin infections and prevents infection in wounds",

"clotrimazole": "Treats fungal infections",

"terbinafine": "Treats fungal infections",

"ketoconazole": "Treats fungal infections",

"fluconazole": "Treats fungal infections",

"cefuroxime": "Treats bacterial infections",

"cefixime": "Treats bacterial infections",

"ceftriaxone": "Treats bacterial infections",

"cefotaxime": "Treats bacterial infections",

"cefpodoxime": "Treats bacterial infections",

"ceftazidime": "Treats bacterial infections",

"cefepime": "Treats bacterial infections",

"meropenem": "Treats bacterial infections",

"imipenem": "Treats bacterial infections",

"doripenem": "Treats bacterial infections",

"ertapenem": "Treats bacterial infections",

"vancomycin": "Treats bacterial infections",

"linezolid": "Treats bacterial infections",

"daptomycin": "Treats bacterial infections",

"tigecycline": "Treats bacterial infections",

"ciprofloxacin": "Treats bacterial infections",

"levofloxacin": "Treats bacterial infections",

"moxifloxacin": "Treats bacterial infections",

"ofloxacin": "Treats bacterial infections",

"amoxicillin": "Treats bacterial infections",

"amoxicillin-clavulanate": "Treats bacterial infections",

"ampicillin": "Treats bacterial infections",

"ampicillin-sulbactam": "Treats bacterial infections",

"piperacillin": "Treats bacterial infections",

"piperacillin-tazobactam": "Treats bacterial infections",

"tetracycline": "Treats bacterial infections",

"doxycycline": "Treats bacterial infections",

"minocycline": "Treats bacterial infections",

"gentamicin": "Treats bacterial infections",

"tobramycin": "Treats bacterial infections",

"amikacin": "Treats bacterial infections",

"streptomycin": "Treats bacterial infections",

"trimethoprim-sulfamethoxazole": "Treats bacterial infections",

"nitrofurantoin": "Treats urinary tract infections",

"phenazopyridine": "Relieves urinary tract pain and discomfort",

"furosemide": "Treats fluid retention and high blood pressure",

"hydrochlorothiazide": "Treats high blood pressure and reduces fluid retention",

"spironolactone": "Treats high blood pressure and reduces fluid retention",

"metoprolol": "Treats high blood pressure and heart-related conditions",

"atenolol": "Treats high blood pressure and heart-related conditions",

"carvedilol": "Treats high blood pressure and heart failure",

"lisinopril": "Treats high blood pressure and heart failure",

"enalapril": "Treats high blood pressure and heart failure",

"losartan": "Treats high blood pressure and heart failure",

"valsartan": "Treats high blood pressure and heart failure",

"amlodipine": "Treats high blood pressure and chest pain",

"felodipine": "Treats high blood pressure and chest pain",

"diltiazem": "Treats high blood pressure and chest pain",

"verapamil": "Treats high blood pressure and chest pain",

"isosorbide mononitrate": "Treats chest pain and heart failure",

"digoxin": "Treats heart failure and irregular heartbeat",

"amiodarone": "Treats irregular heartbeat",

"warfarin": "Prevents blood clots",

"clopidogrel": "Prevents blood clots and reduces the risk of heart attacks and strokes",

"rivaroxaban": "Prevents blood clots",

"apixaban": "Prevents blood clots",

"dabigatran": "Prevents blood clots",

"heparin": "Prevents blood clots",

"enoxaparin": "Prevents blood clots",

"fondaparinux": "Prevents blood clots",

"aspirin": "Relieves pain, reduces inflammation, lowers fever, and prevents blood clotting",

"naproxen": "Relieves pain and reduces inflammation",

"diclofenac": "Relieves pain and reduces inflammation",

"ibuprofen": "Relieves pain, reduces inflammation, and lowers fever",

"acetaminophen": "Relieves pain and reduces fever",

"morphine": "Relieves severe pain",

"oxycodone": "Relieves moderate to severe pain",

"hydrocodone": "Relieves moderate to severe pain",

"tramadol": "Relieves moderate to severe pain",

"codeine": "Relieves mild to moderate pain and suppresses cough",

"gabapentin": "Treats seizures, nerve pain, and restless legs syndrome",

"pregabalin": "Treats seizures, nerve pain, and fibromyalgia",

"carbamazepine": "Treats seizures, nerve pain, and bipolar disorder",

"phenytoin": "Treats seizures and epilepsy",

"valproic acid": "Treats seizures, bipolar disorder, and migraines",

"lamotrigine": "Treats seizures, bipolar disorder, and migraines",

"topiramate": "Treats seizures, migraines, and bipolar disorder",

"levetiracetam": "Treats seizures and epilepsy",

"phenobarbital": "Treats seizures and epilepsy",

"diazepam": "Relieves anxiety, muscle spasms, and seizures",

"lorazepam": "Relieves anxiety, insomnia, and seizures",

"alprazolam": "Treats anxiety and panic disorder",

"clonazepam": "Treats seizures, panic disorder, and anxiety",

"buspirone": "Treats anxiety",

"escitalopram": "Treats depression and anxiety",

"sertraline": "Treats depression, anxiety, and panic disorder",

"citalopram": "Treats depression and anxiety",

"fluoxetine": "Treats depression, anxiety",

}

# Rest of the medicine database...

if medicine\_name.lower() in medicine\_database:

return medicine\_database[medicine\_name.lower()]

else:

return "Medicine not found in the database or invalid name entered"

def save\_search\_history(self, medicine\_name):

with open(app.current\_user\_history\_file, "a") as file:

file.write(f"{medicine\_name}\n")

def show\_history(self, instance):

try:

with open(app.current\_user\_history\_file, "r") as file:

history = file.readlines()

if history:

user\_history\_text = "Search History:\n\n" + "".join(history)

else:

user\_history\_text = "No search history found for the current user."

except FileNotFoundError:

user\_history\_text = "No search history found for the current user."

self.label.text = user\_history\_text

def quit\_app(self, instance):

App.get\_running\_app().stop()

class Medicare(App):

def \_init\_(self, \*\*kwargs):

super(Medicare, self).\_init\_(\*\*kwargs)

self.users = {}

self.current\_user = ""

self.current\_user\_history\_file = ""

def build(self):

self.load\_user\_credentials()

sm = ScreenManager()

sm.add\_widget(LoginScreen(name="login"))

sm.add\_widget(SignUpScreen(name="signup"))

sm.add\_widget(SearchScreen(name="search"))

return sm

def load\_user\_credentials(self):

try:

with open("users.json", "r") as file:

self.users = json.load(file)

except FileNotFoundError:

self.users = {}

if \_name\_ == "\_main\_":

Window.size = (400, 600)

app = Medicare()

app.run()