

Presentation

# ChatBotAI App

## สมาชิกกลุ่ม

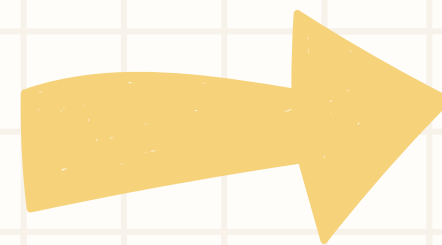
🍓 ณัฐลินี พูนเกษ 005

🍓 รสสุคนธ์ ย้ายวน 014

🍓 วรรณวิสา อุทัย 016

🍓 สายชล กุลที 019

🍓 ธิติสุดา อุ่นช่วง 030

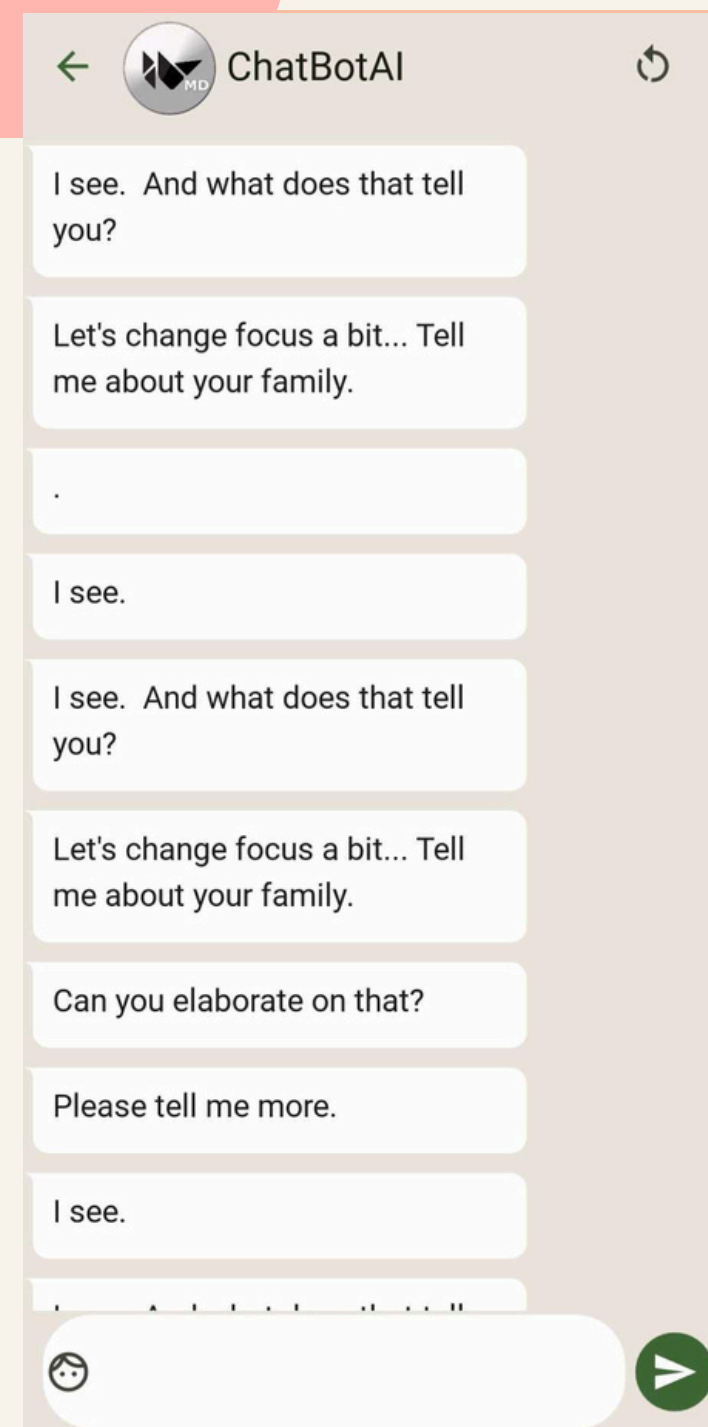
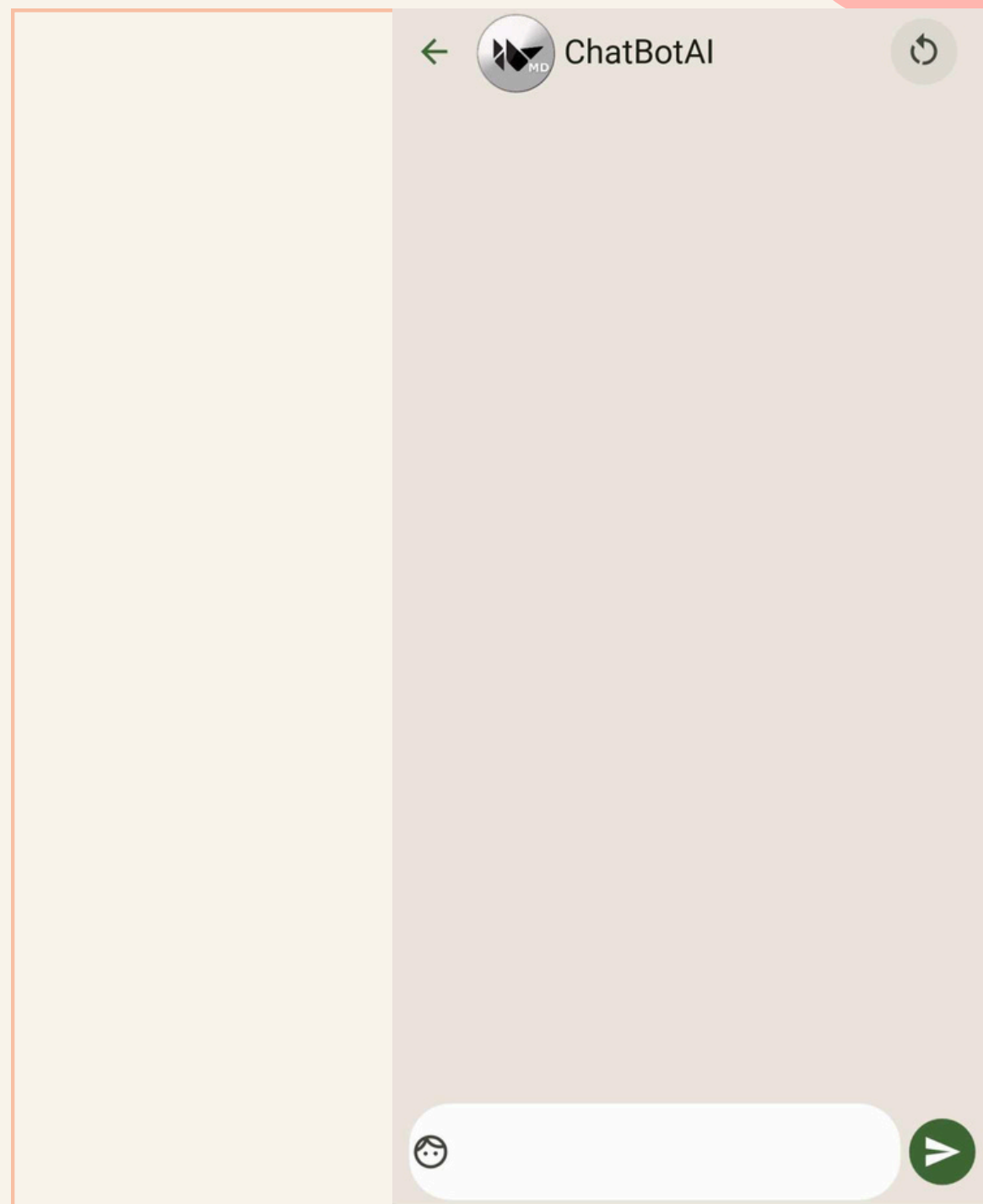


## Kivymd UI



KivyMD เป็นการผสมผสานระหว่างความสามารถของ Kivy ในการพัฒนาแอปข้ามแพลตฟอร์มกับความสวยงามและมาตรฐานของ Material Design ของ Google ทำให้นักพัฒนาสามารถสร้างแอปพลิเคชันที่ดูดีและมีประสิทธิภาพได้อย่างง่ายดาย

# หน้าผลรัน



# โค้ดหน้า py

```
✓ main.py ui2.kv

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if self.sender:
    self.pos_hint={'right':1}
else:
    self.pos_hint={'x':0}

class UI2Screen(MDScreen):
    obj=ObjectProperty(None)
    _bot_state=BooleanProperty(False)
    def on_enter(self):
        Window.softinput_mode='below_target'

    def on_leave(self):
        Window.softinput_mode='

    def _send_message(self):

        _in=self.ids.ti.text
        print(_in)

        self.ids.chat_box.add_widget(UI2ChatLabel(text=_in,sender=True))
        self._bot_state=True
        threading.Thread(target=partial(self.get_data,_in)).start()
        self.ids.ti.text=""

    def get_data(self,_in):
        _ou=chatbotai.respond(_in)
        self._bot_state=False
        self.set_data(_ou)

    @mainthread
    def set_data(self,out):

        self.ids.chat_box.add_widget(UI2ChatLabel(text=out,sender=False))
    def _back_press(self):
        self.obj.go_back_mainscreen()

class MainApp(MDApp):
    def build(self):

        return UI2Screen(obj=self)
    def on_start(self):
        super().on_start()
```

```
✓ main.py ui2.kv

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from kivy.properties import ObjectProperty,StringProperty,BooleanProperty,NumericF
from kivy.lang import Builder
from kivy.base import EventLoop
from kivy.metrics import dp as sdp
from kivy.clock import Clock,mainthread
from kivy.core.window import Window

from kivymd.app import MDApp
from kivymd.uix.screen import MDScreen
from kivymd.uix.label import MDLabel
#from kivymd.uix.dialog import BaseDialog
from functools import partial
import os

import threading

from chatbot import Chat
#import wikipedia
import asynckivy
dirname, filename = os.path.split(os.path.abspath(__file__))
Builder.load_file(os.path.join(dirname,'ui2.kv'))

#For more information about Chatbot
#https://github.com/ahmadfaizalbh/Chatbot
#@register_call("whols")
#This can also be used
#you have to add in buildozer
#def who_is(session, query):
#    try:
#        return wikipedia.summary(query)
#    except Exception:
#        for new_query in wikipedia.search(query):
#            try:
#                return wikipedia.summary(new_query)
#            except Exception:
#                pass
#    return "I don't know about "+query

#first_question="Hi, how are you?"

chatbotai=Chat()
#.converse(first_question,gui=True)

class UI2ChatLabel(MDLabel):
    sender=BooleanProperty(True)
    def on_kv_post(self,obj):
        if self.sender:
            self.pos_hint={'right':1}
        else:
            self.pos_hint={'x':0}
```

# โค้ดหน้า kv

main.py ✓ ui2.kv



```
#icon_color:'white'  
icon: 'restart'  
on_release:chat_box.clear_widgets()
```

```
MDBoxLayout:  
size_hint_y:1  
md_bg_color:get_color_from_hex("#ebe5de")  
MDScrollView:  
do_scroll_x:False
```

```
MDBoxLayout:  
orientation:'vertical'  
#md_bg_color:get_color_from_hex("#ebe5de")  
padding:'5dp'  
spacing:'5dp'  
adaptive_height:True  
id:chat_box
```

```
MDBoxLayout:  
adaptive_height:True  
padding:[10dp, 2dp, 10dp, 2dp]  
  
spacing:'5dp'  
md_bg_color:get_color_from_hex("#ebe5de")
```

```
MDBoxLayout:  
adaptive_height:True  
md_bg_color:'white'  
radius:25dp  
padding:1dp  
MDIcon:  
icon:'face-man-outline'  
pos_hint:{center_y:0.5}  
#UI1TextField:
```

```
MDTextField:  
mode: "filled"  
radius:25dp  
theme_line_color: "Custom"  
theme_bg_color: "Custom"  
fill_color_normal: 1, 1, 1, 0  
fill_color_focus:white  
line_color_normal:[1,1,1,0] #green  
line_color_focus:[1,1,1,0]  
pos_hint:{center_y:0.5}  
on_focus:#root._focus(*args)  
on_text_validate:root._send_message()  
id:ti
```

main.py ✓ ui2.kv



```
#import get_color_from_hex kivy.utils.get_color_from_hex
```

```
<UI2Screen>:  
name:'ui2screen'  
md_bg_color:self.theme_cls.backgroundColor
```

```
MDBoxLayout:  
orientation:'vertical'  
padding:[0, 0, 0, 1dp]  
md_bg_color:get_color_from_hex("#ebe5de")
```

```
#adaptive_height:True  
MDBoxLayout:  
#adaptive_height:True
```

```
#theme_bg_color: "Custom"  
#type: "small"  
padding:'5dp'  
spacing:'5dp'  
#adaptive_height:True  
size_hint_y:None  
height:60dp  
size_hint_x: 1  
MDIconButton:  
icon:'arrow-left'  
#theme_icon_color:'Custom'  
#icon_color:'white'  
pos_hint:{center_y:0.5}  
on_release:root._back_press()
```

```
FitImage:  
source:./res/kivymd.png#root.dp_pic  
size:48dp,48dp  
size_hint:None, None  
radius:self.height/2
```

```
MDLabel:  
pos_hint:{center_y:0.5}  
adaptive_size:True  
text:'ChatBotAI' if not root._bot_state else 'Wait'  
#theme_text_color:'Custom'  
#font_size:'Custom'  
#text_color:'white'  
font_size:20sp
```

```
Widget:  
MDTopAppBarTrailingButtonContainer:
```

```
MDActionTopAppBarButton:  
#theme_icon_color:'Custom'
```

main.py ✓ ui2.kv



```
padding: 10dp  
MDIcon:  
icon:'face-man-outline'  
pos_hint:{center_y:0.5}  
#UI1TextField:
```

```
MDTextField:  
mode: "filled"  
radius:25dp  
theme_line_color: "Custom"  
theme_bg_color: "Custom"  
fill_color_normal: 1, 1, 1, 0  
fill_color_focus:white  
line_color_normal:[1,1,1,0] #green  
line_color_focus:[1,1,1,0]  
pos_hint:{center_y:0.5}  
on_focus:#root._focus(*args)  
on_text_validate:root._send_message()  
id:ti
```

```
# MDIconButton:  
# icon:'paperclip'  
# pos_hint:{center_y:0.5}
```

```
MDIconButton:  
style: "filled"  
icon:'send'  
pos_hint:{center_y:0.5}  
on_release:root._send_message()
```

```
<UI2ChatLabel>:  
canvas.before:  
Color:  
rgba:get_color_from_hex("#e0f6ca") if root.sender else get_color_from_hex("#fff  
RoundedRectangle:  
pos:self.pos  
size:self.size  
radius:[dp(8), dp(8), (dp(-5), dp(5)), dp(8)] if self.sender else [(dp(-5), dp(5)), dp(8)  
#adaptive_size:True  
#text_size: self.width, None  
#size_hint: None, None  
#size: self.texture_size  
#size:100dp, None  
size_hint:None, None  
width: 250dp
```

```
height:self.texture_size[1]  
#text_size: self.size
```



# ขอจบการนำเสนอ