



| Progress Report No. 3 Food Ordering System | |
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| Course Code: CpE201L | Program: Bachelor of Science in Computer Engineering |
| Course Title: Data Structure and Algorithm | Date Performed: September 20, 2025 |
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| 1. Objectives | |
| <ul style="list-style-type: none">To understand other modules of kivy libraryApply the kivymd, uix, label, dialog, button, box layout, etc.To know the used of Import TwolineListItem and OneListItem | |
| 2. Discussion | |
| <p>We use Kivy and KivyMD and import MdCard, MdLabel, Animation, TwoLineListItem, OneLineListItem, MdDialog, Button, FlatButton, and BoxLayout. The program imports various modules that serve as the building blocks for the food ordering system. The Kivy library applied Material Design elements, giving our system a more polished and modern look.</p> | |
| 3. Materials and Equipment | |
| <ul style="list-style-type: none">Desktop/Device: It is important to have a device so you can programOperating System: Operating system are essential since you cannot use your device without it.Python IDE: You may use Visual Studio Code or Pycharm | |
| 4. Procedure | |
| <ul style="list-style-type: none">We used the Kivy and KivyMD libraries and imported their libraries like widget, accordion, accordionItem, MdApp, MDLabel, MDRaisedButton, etc.We also created a class and named it AppNiBoos (MDApp) as well as defined a function like build (self) to implement its modules.Our system used the .kv file to create an extension to the implementation of modules and libraries of Kivy and KivyMD. <ul style="list-style-type: none">from kivy.uix.accordion import Widgetfrom kivymd.app import MDAppfrom kivy.lang import Builderfrom kivy.core.window import Windowfrom kivy.uix.image import Imagefrom kivymd.uix.card import MDCardfrom kivymd.uix.label import MDLabel | |



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```
from kivy.animation import Animation
from kivymd.uix.list import TwoLineListItem
from kivymd.uix.list import OneLineListItem
from kivymd.uix.dialog import MDDialog
from kivymd.uix.button import MDRaisedButton, MDFlatButton
from kivymd.uix.textfield import MDTextField
from kivy.uix.boxlayout import BoxLayout
from kivy.metrics import dp
from kivy.factory import Factory
```

5. Output

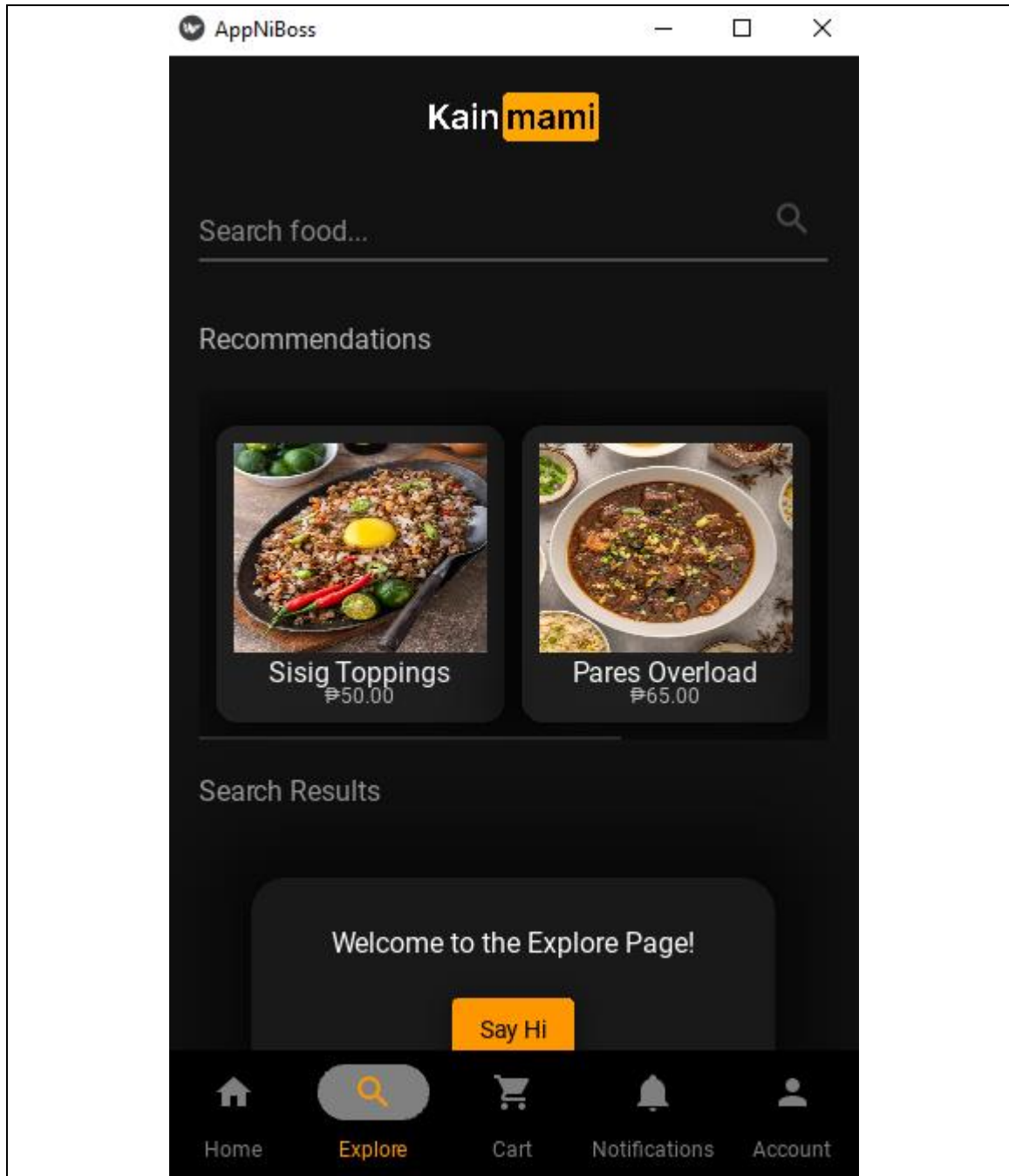


Figure 1.0 Menu

This is the result of the implementation of Kivy and KivyMD and importing its modules like label, widget, button, etc. It showcases the design of the program.

6. Conclusion

In conclusion, this program serves as the foundation for building a KivyMD application, as it imports the necessary tools and widgets that will later be used to design the interface and



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manage user interactions. While it does not yet contain the logic or layout of the app itself, these imports prepare the environment for creating a modern, responsive, and visually appealing application that combines the flexibility of Kivy with the sleek design elements of Material Design.