

Module 3 Critical Thinking Consolidated Document

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Python Code

```
# The Python script should print out the names and number of pages of prototype  
# and sequence or flow of the pages.
```

```
print('\nNumber of Prototype Pages = 5',  
      '\nNumber of UML Pages = 1\n',  
      '\nUML diagram describes development architecture',  
      '\nPrototype Page 1 = Home Page',  
      '\nPrototype Page 2 = Existing Lists',  
      '\nPrototype Page 3 = Example List',  
      '\nPrototype Page 4 = Creating a New List',  
      '\nPrototype Page 5 = Finding Nearby Stores\n')
```

Number of Prototype Pages = 5

Number of UML Pages = 1

UML diagram describes development architecture

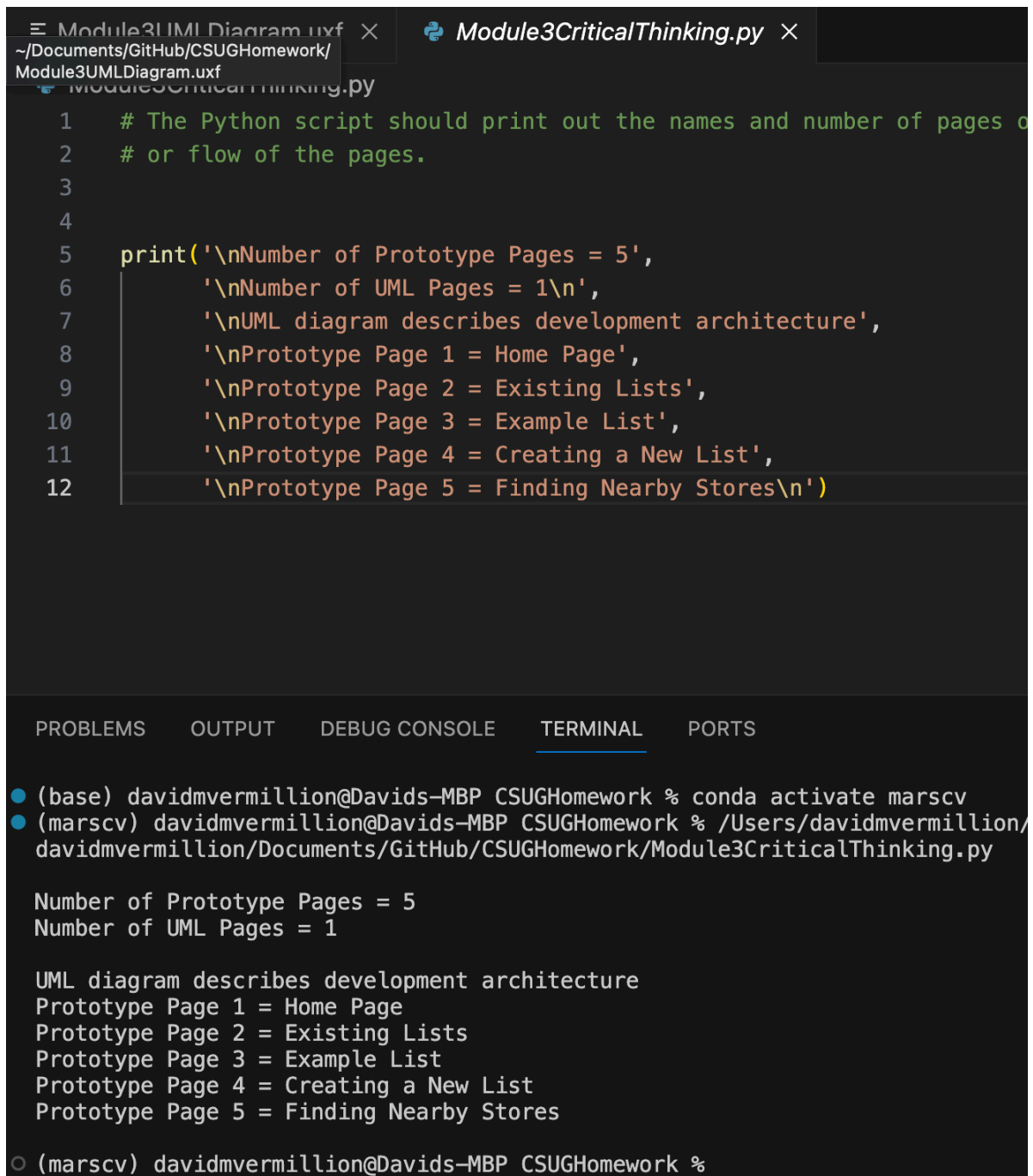
Prototype Page 1 = Home Page

Prototype Page 2 = Existing Lists

Prototype Page 3 = Example List

Prototype Page 4 = Creating a New List

Prototype Page 5 = Finding Nearby Stores



The image shows a code editor window with two tabs: 'Module3UMLDiagram.uxf' and 'Module3CriticalThinking.py'. The 'Module3CriticalThinking.py' tab is active, displaying a Python script. The script consists of 12 lines of code, including comments and a single print statement. Below the code editor, there is a terminal window with tabs for 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The 'TERMINAL' tab is selected, showing the execution of the script. The terminal output matches the print statement in the code, displaying the number of prototype and UML pages, followed by a description of the UML diagram and its five pages.

```
1  # The Python script should print out the names and number of pages of
2  # or flow of the pages.
3
4
5  print('\nNumber of Prototype Pages = 5',
6        '\nNumber of UML Pages = 1\n',
7        '\nUML diagram describes development architecture',
8        '\nPrototype Page 1 = Home Page',
9        '\nPrototype Page 2 = Existing Lists',
10       '\nPrototype Page 3 = Example List',
11       '\nPrototype Page 4 = Creating a New List',
12       '\nPrototype Page 5 = Finding Nearby Stores\n')
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
● (base) davidmvermillion@Davids-MBP CSUGHomework % conda activate marscv
● (marscv) davidmvermillion@Davids-MBP CSUGHomework % /Users/davidmvermillion/
davidmvermillion/Documents/GitHub/CSUGHomework/Module3CriticalThinking.py

Number of Prototype Pages = 5
Number of UML Pages = 1

UML diagram describes development architecture
Prototype Page 1 = Home Page
Prototype Page 2 = Existing Lists
Prototype Page 3 = Example List
Prototype Page 4 = Creating a New List
Prototype Page 5 = Finding Nearby Stores

○ (marscv) davidmvermillion@Davids-MBP CSUGHomework %
```

Figure 1: Python Code Script Execution

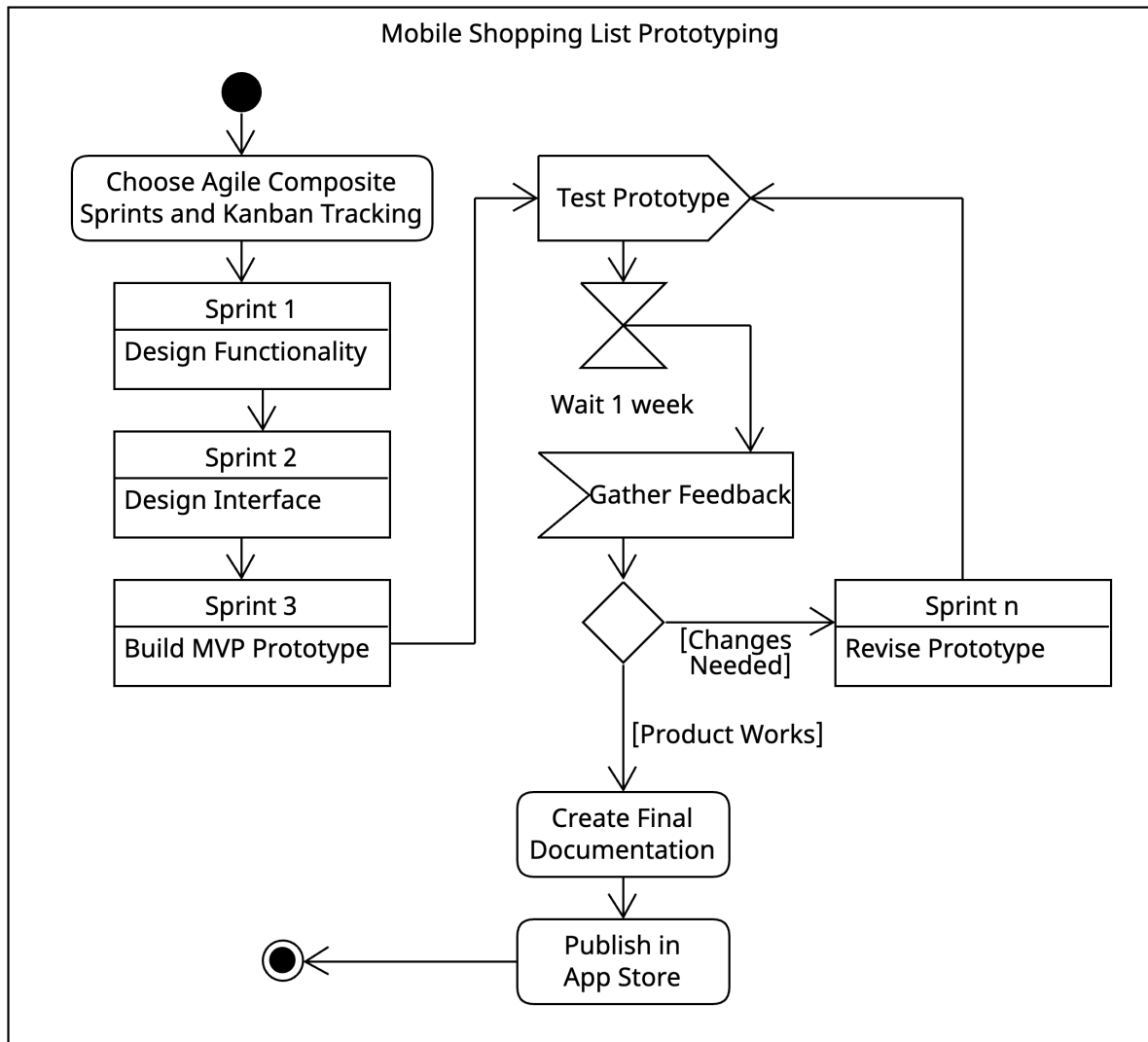


Figure 2: Module 3 UML Diagram



Figure 3: Home Page

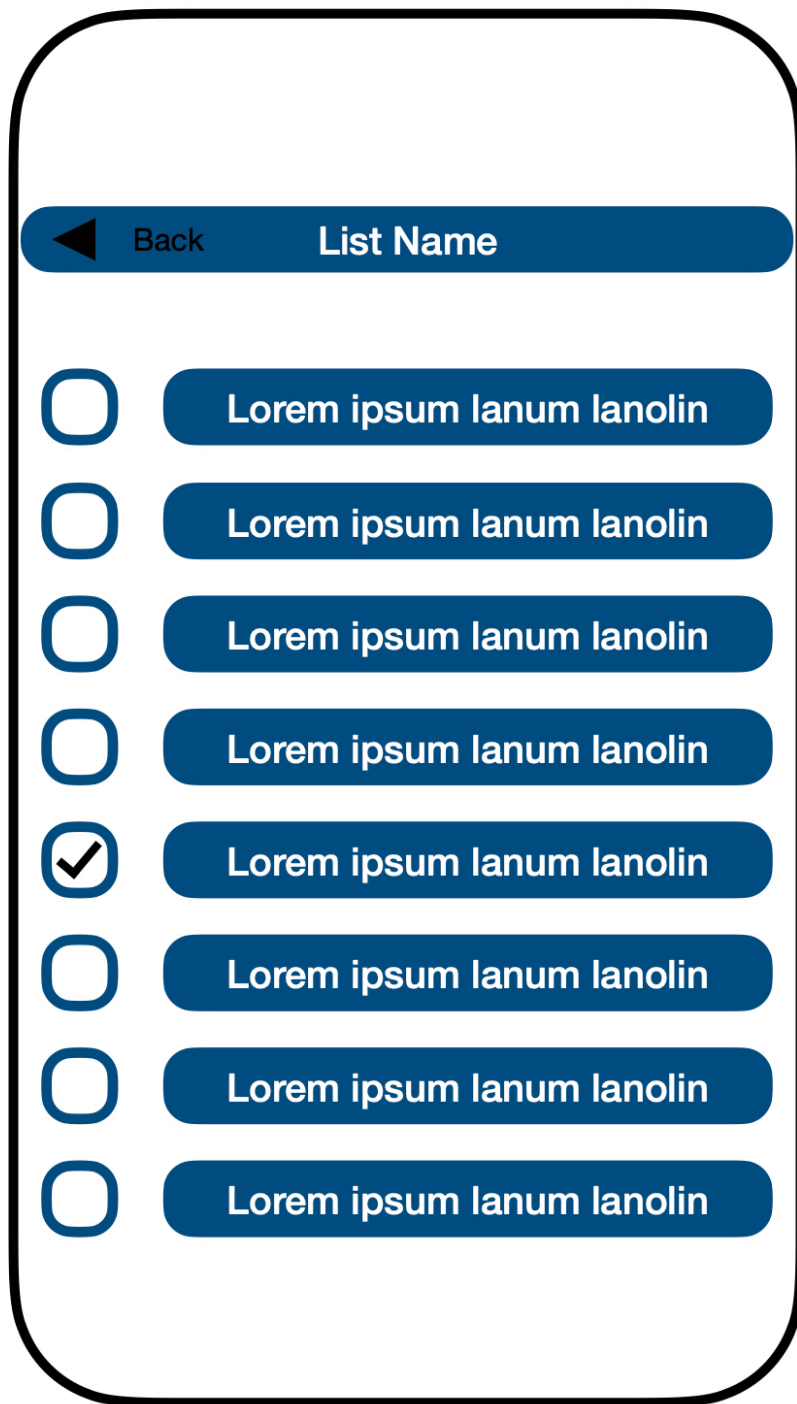


Figure 4: Home Page



Figure 5: Home Page

The image shows a mobile application screen with a dark blue header bar. On the left of the header is a white left-pointing triangle, and to its right is the text "Back". On the right side of the header is the text "Create New List". Below the header is a dark blue rounded rectangle containing the text "List Name". Underneath this is a list of seven items. Each item consists of a white circle with a dark blue outline on the left, followed by a dark blue rounded rectangle containing white text. The text for the first item is "Enter Item Here", and the text for the remaining six items is "Lorem ipsum lanum lanolin".

Back Create New List

List Name

- ☐ Enter Item Here
- ☐ Lorem ipsum lanum lanolin
- ☐ Lorem ipsum lanum lanolin
- ☐ Lorem ipsum lanum lanolin
- ☐ Lorem ipsum lanum lanolin
- ☐ Lorem ipsum lanum lanolin
- ☐ Lorem ipsum lanum lanolin

Figure 6: Home Page

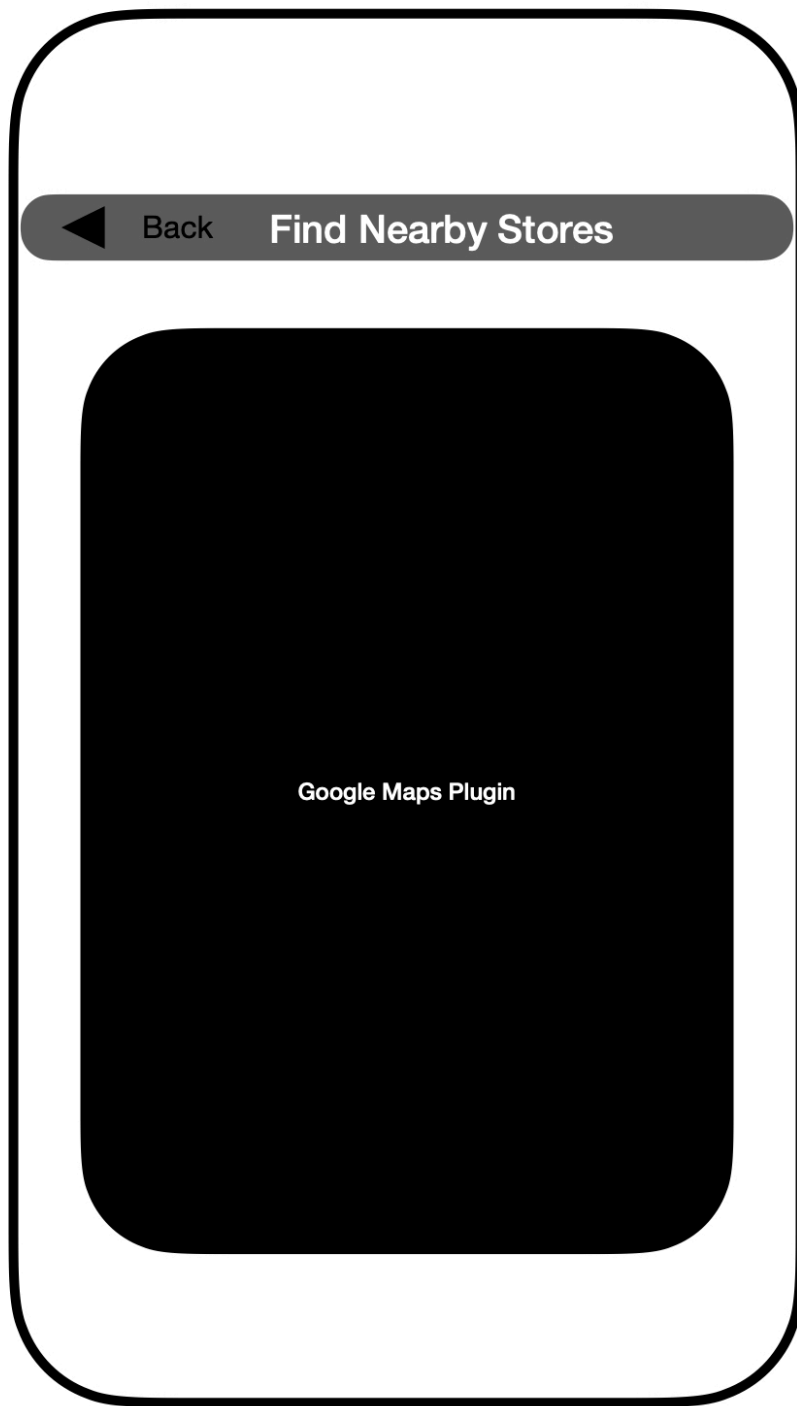


Figure 7: Home Page