Exercise Analysis and Conclusion:

While the content varied significantly between all the applications listed below, the differences in the architecture, navigation, metaphor, view and control elements can be characterized more by their presence or absence in the applications and often in their frequency than in their novelty or uniqueness. Differences are better defined by their content usage, manipulation, integration and inter-relationship.

Application Name: **Google Maps**   **Type: Map and Location**

Hierarchy	UI View	UI Controls	Navigation controls
Login	Action View	Bottoms, Label	Model
Current Location	Map View	Bottom, Stepper	Tab
Direction	Map View Page View Content View PopOver View	Status Bar, Bottom, Label, Text Field, Segmented Control, Stepper.	Status, Tab, ToolBar

Application Name: **Camera**   **Type: Media & Photography**

Hierarchy	UI View	UI Controls	Presentation Element
Main Page	Image View Content View	Status Bar, Bottom, Label, Text Field, Segmented Control, Progress Indicator	Tab, ToolBar,

Application Name: **Google**   **Type: Search**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View	Bottom, Text Field, Label	Text Field
Search Term	Table View, Split Screen	Text Field, KeyBoard, Search bar.	Status, Tab, Search, ToolBar
Search Result	Table View Page View Content View	Status Bar, Bottom, Label, Text Field, Segmented Control, Page Controller	Status, Tab, ToolBar

Application Name: **WhatsApp**   **Type: Social Media**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View, Scroll View	Bottom, Label,	Status, Tab, ToolBar
Directory	Page View, Scroll View	Text Field, PopOver KeyBoard	Search, Status, Tab, ToolBar
Chat	Page View, Scroll View Content View, Web View	Status Bar, Bottom, Label, Text Field, Segmented Control	Search, Status, Tab, ToolBar

Application Name: **GMail**   **Type: E-Mail**

Hierarchy	UI View	UI Controls	Navigation controls

Main Page	PopOver, Page View, Scroll View, Content View Table View	Bottom, Label,	Status, Search, Navigation Bar, Tab, ToolBar
Inbox	PopOver, Page View, Scroll View, Content View Table View	Bottom, Label,Text Field, PopOver KeyBoard	Search, Status, Navigation Bar, Tab, ToolBar
MSG	PopOver, Page View, Scroll View Content View Text View	Status Bar, Bottom, Label, Text Field, PopOver KeyBoard	Search, Status, Navigation Bar, Tab, ToolBar

Application Name: Clock   **Type: Calendar and Clock**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View, Scroll View, Content View Table View	Bottom, Label,	Status, Navigation Bar, Tab, ToolBar
Edit Page	Page View, Scroll View, Content View Table View	Bottom, Label,Text Field	Status, Navigation Bar, Tab, ToolBar
Timer	Page View, Scroll View Content View	Status Bar, Label, Picker, Switches	Status, Navigation Bar, Tab, ToolBar

Application Name: Trip Advisory   **Type: Travel**

Hierarchy	UI View	UI Controls	Navigation controls
Login	Action View	Bottoms, Label	Model
Main Page	Page View, Scroll View, Content View Table View	Bottom, Status Bar, Label, Picker, Switches	Status, Navigation Bar, Tab, ToolBar
Listing	Image View Page View Content View PopOver View	Status Bar, Bottom, Label, Text Field, Segmented Control,	Status, Navigation Bar, Tab, ToolBar

Application Name: Solitaire   **Type: Games**

Hierarchy	UI View	UI Controls	Navigation controls
Login	Action View	Bottoms, Label	Model
Main Page	Page View, Content View Image View, PopOver View	Bottom, Status Bar, Label, Switches, Segmented Control.	Status, Navigation Bar, Tab, ToolBar
Statistics Page	Page View Content View	Status Bar, Bottom, Label	Status, Navigation Bar, ToolBar

Application Name: Notes   **Type: To-Do**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View, Scroll View, Content View Table View	Bottom, Status Bar, Label,	Status, Navigation Bar, Tab, ToolBar

Notes	PopOver, Page View, Scroll View, Content View Table View	Bottom, Label,Text Field, PopOver KeyBoard	Status, Navigation Bar, Tab, ToolBar

Application Name: **I-More**   **Type: Music Streaming**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View, Scroll View, Content View Table View, Image View	Bottom, Status Bar, Label,	Status, Navigation Bar, Tab, ToolBar
Notes	PopOver, Page View, Scroll View, Content View Table View, Collections.	Bottom, Label,Text Field, PopOver KeyBoard, Slider, Progress indicator, segmented.	Status, Navigation Bar, Tab, ToolBar

Application Name: **HomeAway**   **Type: Rental Site**

Hierarchy	UI View	UI Controls	Navigation controls
Login	Action View	Bottoms, Label	Model
Main Page	Page View, Scroll View, Content View Table View Collections	Bottom, Status Bar, Label, Picker, Switches	Status, Navigation Bar, Tab, Search, ToolBar
Listing	Image View Page View Content View PopOver View Collections	Status Bar, Bottom, Label, Text Field, Segmented Control,	Status, Navigation Bar, Tab, Search, ToolBar

Application Name: **Calculator**   **Type: To-Do**

Hierarchy	UI View	UI Controls	Navigation controls
Main Page	Page View, Content View Table View, Text View	Bottom, Status Bar, Label,	Status, Bottom