SplashScreen:

Display AppHeading, DeveloperName, StudentNumber, AppLogo

Display Button “Main”

Display Button “Exit”

OnButtonClick “Main”:

Navigate to MainScreen

OnButtonClick “Exit”:

ExitApp

MainScreen:

Display InputFlield Date

Display InputFlield Minimum Temperature

Display InputFlield Maximum Temperature

Display InputFlield Conditions

Display TextView

Display Button “Next”

Display Button “Enter”

Display Button “Average”

Display Button “Clear”

Display Button “Close”

OnButtonClick “Detailed View”

If InputField are valid

Save to Arrays

OnButtonClick “Enter”

If InputField is valid

Data is Saved to the array

Show Message “Array populated successfully”

Else

Show Message “Data added to array”

If:

Show ErrorMessage “Error: Please input days of the week”

Show ErrorMessage “Error: min and max must be in numbers”

Show ErrorMessage “Error:All fields are required”

OnButtonClick “Average”

If InputField is valid

Data is Saved to the array

OnButtonClick “Clear”

If InputField is valid

Data is Saved to the array

OnButtonClick “Close”

ExitApp

TextView

Displays error messages and average

Detailed View Screen:

Display TextView

Display Button “Next”

Display Button “Enter”

TextView

Displays detailed information from previous screen

OnButtonClick “Back”.

PreviousPage

OnButtonClick “Close”

ExitApp