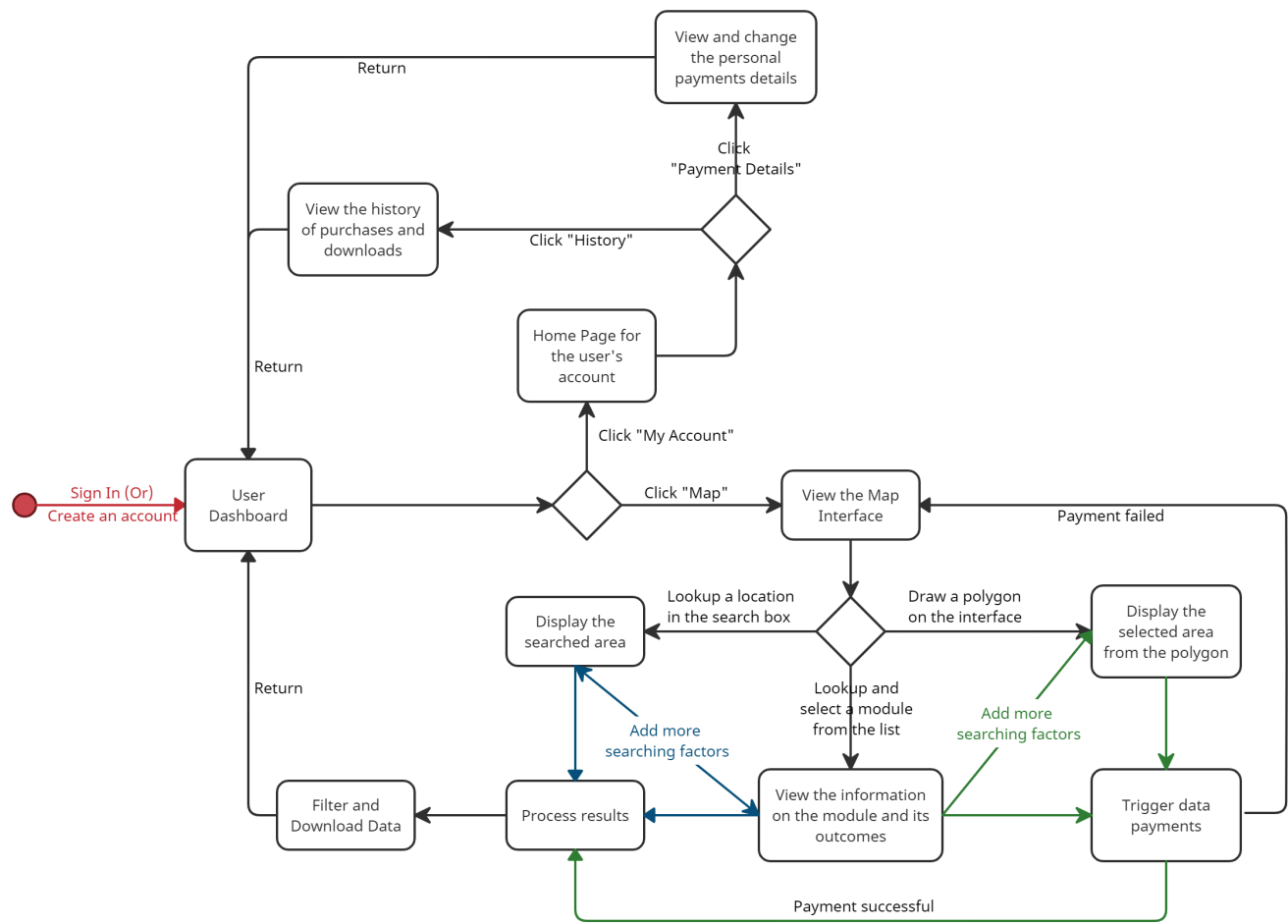# State Diagrams

Transitions

The diagrams represent transitions among different states for both User and Admin Frontend. With the way React works, once a new component is loaded, the replaced component is destroyed for efficiency, hence resetting in the state.

User Frontend

P.S. Blue actions represent the process of data retrieval through location-lookups, while green actions extract information and output results from polygons. (Additional payments are required in green actions)

Admin Frontend

```
                                                            View user
                                                          information

                                Select or search
                                one purchase                                                 Return
              View purchase
              information                                      Select or search one user

                                          View all                      View all users
                  Return                   purchases
   Return

                                                    Click
                                                  "Purchases"
    Admin                                                           Click
    Dashboard                                                     "Users"

                Return                          Click
                              Modules are      "Modules"
                              added
                                                      View all modules

                                      Submit

          Edit the module          Input Modules                Click
                                    information               "Add Modules"

                           Click
                          "Edit"
                                                                      Select or search
   Changes of the                                Display Module        one of the modules
   module saved                                  Information
                      Submit
                              Click
                            "Enable" or
                            "Disable"

             Enable or disable
             the module
```