@startuml StateChartDiagram

[\*] --> Idle : Initial State

state Idle <<Idle>> {

[\*] --> LoggedOut : User not logged in

LoggedOut --> LoggedIn : Login

LoggedOut --> Registered : Register

}

state LoggedIn <<LoggedIn>> {

[\*] --> Home : User is logged in

Home --> BrowseRaces : Browse races

Home --> ViewProfile : View user profile

Home --> EditProfile : Edit user profile

BrowseRaces --> SelectRace : Select a race

SelectRace --> ViewRaceDetails : View race details

SelectRace --> BookTicket : Book a ticket

BookTicket --> ViewTicket : Confirm booking

ViewTicket --> BrowseRaces : View ticket or continue browsing

ViewProfile --> EditProfile : Edit profile

EditProfile --> ViewProfile : Save changes

EditProfile --> ChangePassword : Change password

ChangePassword --> ViewProfile : Save changes

Home --> Logout : Logout

}

state Registered <<Registered>> {

[\*] --> Home : User is registered and logged in

Home --> BrowseRaces : Browse races

Home --> ViewProfile : View user profile

Home --> EditProfile : Edit user profile

BrowseRaces --> SelectRace : Select a race

SelectRace --> ViewRaceDetails : View race details

SelectRace --> BookTicket : Book a ticket

BookTicket --> ViewTicket : Confirm booking

ViewTicket --> BrowseRaces : View ticket or continue browsing

ViewProfile --> EditProfile : Edit profile

EditProfile --> ViewProfile : Save changes

EditProfile --> ChangePassword : Change password

ChangePassword --> ViewProfile : Save changes

Home --> Logout : Logout

}

state Logout <<Logout>> {

[\*] --> LoggedOut : User logs out

}

state AdminLoggedIn <<LoggedIn>> {

[\*] --> AdminHome : Admin is logged in

AdminHome --> ManageSeasons : Manage seasons

AdminHome --> ManageDrivers : Manage drivers

ManageSeasons --> AddRace : Add a race

AddRace --> EditRace : Edit a race

EditRace --> DeleteRace : Delete a race

DeleteRace --> ManageSeasons : Back to season management

ManageSeasons --> Logout : Logout

ManageDrivers --> AddDriver : Add a driver

AddDriver --> EditDriver : Edit a driver

EditDriver --> DeleteDriver : Delete a driver

DeleteDriver --> ManageDrivers : Back to driver management

ManageDrivers --> Logout : Logout

}

state Logout <<Logout>> {

[\*] --> LoggedOut : User or Admin logs out

}

[\*] --> Idle : Initial State

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