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classDiagram
    class "«boundary» User Interface::SignUpUI" {
        +startInterface()
        +enterMemberInfo()
    }
    class "«control» SignUp" {
        +startInterface()
    }
    class "«boundary» User Interface::LoginUI" {
        +startInterface()
        +enterLoginInfo()
    }
    class "«control» Login" {
        +loginMember()
    }
    class "«boundary» User Interface::LogoutUI" {
        +startInterface()
        +selectLogout()
    }
    class "«control» Logout" {
        +logout()
    }
    class "«entity» MemberList" {
        +MemberList
        +addNewMember()
        +verifyMember()
    }
    class "«entity» Member" {
        +phoneNumber
        +rentBicycles
        +listRentBicycles()
        +addRentBicycle()
    }
    class "«entity» Bicycle" {
        +bicycleID
        +bicycleName
        +rentStatus
        +getBicycleInfo()
        +switchRentStatus()
    }
    class "«entity» BicycleList" {
        +bicycleList
        +addNewBicycle()
        +verifyBicycle()
    }
    class "«boundary» User Interface::RentBicycleUI" {
        +startInterface()
        +inputBicycleID()
    }
    class "«control» RentBicycle" {
        +rentSelectedBicycle()
    }
    class "«boundary» User Interface::RegisterBicycleUI" {
        +startInterface()
        +inputBicycleInfo()
    }
    class "«control» RegisterBicycle" {
        +addNewBicycle()
    }
    class "«boundary» User Interface::RentListUI" {
        +startInterface()
    }
    class "«control» RentList" {
    }
    class "«entity» User" {
        +ID
        +PW
    }
    class "«entity» Admin" {
    }

    MemberList "1" -- "0..*" Member
    Member "0..1" -- "0..*" Bicycle
    Bicycle "0..*" -- "1" BicycleList
    Member --|> User
    Admin --|> User
    SignUpUI --> SignUp
    LoginUI --> Login
    LogoutUI --> Logout
    RentBicycleUI --> RentBicycle
    RegisterBicycleUI --> RegisterBicycle
    RentListUI --> RentList
    
```

