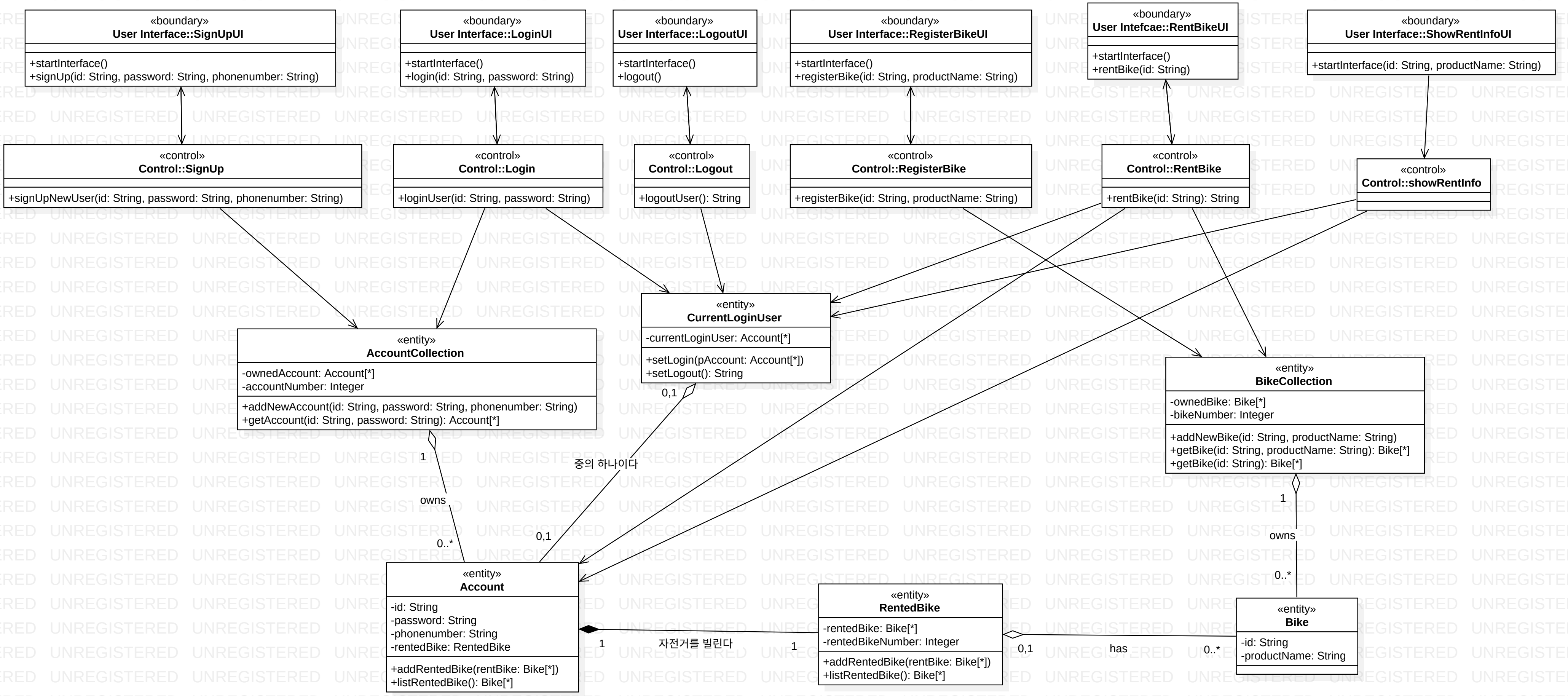
Model::Main


«boundary»
User Interface::SignUpUI
+startInterface()
+signUp(id: String, password: String, phonenumber: String)
«boundary»
User Interface::LoginUI
+startInterface()
+login(id: String, password: String)
«boundary»
User Interface::LogoutUI
+startInterface()
+logout()
«boundary»
User Interface::RegisterBikeUI
+startInterface()
+registerBike(id: String, productName: String)
«boundary»
User Intefcae::RentBikeUI
+startInterface()
+rentBike(id: String)
«boundary»
User Interface::ShowRentInfoUI
+startInterface(id: String, productName: String)
«control»
Control::SignUp
+signUpNewUser(id: String, password: String, phonenumber: String)
«control»
Control::Login
+loginUser(id: String, password: String)
«control»
Control::Logout
+logoutUser(): String
«control»
Control::RegisterBike
+registerBike(id: String, productName: String)
«control»
Control::RentBike
+rentBike(id: String): String
«control»
Control::showRentInfo
«entity»
CurrentLoginUser
-currentLoginUser: Account[*]
+setLogin(pAccount: Account[*])
+setLogout(): String
«entity»
AccountCollection
-ownedAccount: Account[*]
-accountNumber: Integer
+addNewAccount(id: String, password: String, phonenumber: String)
+getAccount(id: String, password: String): Account[*]
«entity»
BikeCollection
-ownedBike: Bike[*]
-bikeNumber: Integer
+addNewBike(id: String, productName: String)
+getBike(id: String, productName: String): Bike[*]
+getBike(id: String): Bike[*]
0,1
중의 하나이다
0,1
1
owns
0..*
1
owns
0..*
«entity»
Account
-id: String
-password: String
-phonenumber: String
-rentedBike: RentedBike
+addRentedBike(rentBike: Bike[*])
+listRentedBike(): Bike[*]
1
자전거를 빌린다
1
«entity»
RentedBike
-rentedBike: Bike[*]
-rentedBikeNumber: Integer
+addRentedBike(rentBike: Bike[*])
+listRentedBike(): Bike[*]
0,1
has
0..*
«entity»
Bike
-id: String
-productName: String

UNREGISTERED