M9   Contract

· method signature:

+ setProfile (username : String, profile : Profile): void

where setProfile is a public static method of Water Application class and username is an instance of String and is the username of which the profile would be added to, and profile is a Profile object to add for the user. This method does not return anything.

· precondition:

User is valid

· postcondition:

the "profile" attribute of the value User object corresponding to the key of username passed in (within the ObservableMap users in WaterApplication class) is set to the profile passed in