«Interface»
UC1.1.2 Forgot Password

+ emailEntry
+ sendEmailVerification(): send reset email
+ enterCode
+ verifyCodeButton
+ newPassword
+ confirmPassword
- passwordValidity()

«Interface»
UC1.1 Login Page

+ email
+ password
+ loginButton
+ forgotPasswordButton
+ createAccountButton
- lockout()

<<Interface>>
UC1.2 Account Creation Page

+ email
+ password
- passwordValidity(): returns t/f
+ firstName
+ lastName
+ birthdate
+ createAccountButton
- createAccount(): updates table
- sendEmailVerification(): sends email
- verifyCode()

Forgotten Password (Login → Forgot Password)
Create Account (Login → Account Creation)
Login

Account

- userID: int = defaultValue
+ handle: string
+ password: string
+ email: string
+ firstName: string
+ lastName: string
+ birthdate: date
+ profilePic: image
+ interests: string

- login(username, password): validate hash
- passwordValidity(newpass): validate password
- createAccount(): updates table
- lockout(): locks out user after 10 consecutive wrong passwords with the same username
- sendEmailVerification(email, msg): send confirmation code for email verification and message
- verifyCode(code, email)
- changePassword(username, newPass)
- changeProfilePic(newPic)
- manage(listOfInterests): change interests depending on the list given

<<Interface>>
UC1.3 Profile

+ firstName
+ lastName
+ email
+ birthdate
+ handle
+ profilePic
+ interests
+ list of organizations
+ createOrgButton/ manageOrgButton
- changePassword()
- changeEmail()/ sendEmailVerification()
- changeProfilePic()
- manageInterests()

Create/Manage Organization

<<Interface>>
UC2.1 Create/Manage Organization Page

+ name
+ description
+ manageadmin
+ manageInterests
+ confirmOrganziationCreationButton

Organizations

- orgID: int = defaultValue
+ name: string
+ description: string
+ verified: tinyint
+ interests: string

+ changeName()
+ changeDescription()
+ verify()
+ manageInterests();

Organization Roles

+ roleID: int = defaultValue
+ adminID: int
+ orgID: int
+ roles: set('owner', 'admin', 'member')

+ manageadmin(adminID, orgID, role)

Confirm Organization

<<Interface>>
UC2 Organization Page

+ name
+ description
+ verified
+ all admin for contact
+ Feed of allEvents
- createEvent()
+ volunteerRequests

Events

+ eventId: int = defaultValue
+ name: string
+ orgID: int
+ address: string
+ date: date
+ time: time
+ description: text
+ interests: string

+ createEvent()
+ manageVolunteerRequests()
+ manageEvent(): change anything about the event