

## Class Diagram Description

### Registration

- ↳ registerUser()
- ↳ validateFields(OSU\_EmailID)
- ↳ <sup>send</sup> activationmail(OSU\_EmailID)

### Login info

- ↳ validateUser() — not needed
- ↳ login() — integration of validation of user & ~~check~~ logging into Buckconnect.

Profile — X — Settings — No methods.

### User

- ↳ SearchUser() — Accept a string & search user based on first + last name / first name / last name.
- ↳ SearchGroup() — accept a string & search group names.
- ↳ searchEvent() — " " " " "event".
- ↳ joinGroup() — After group search, send request to Group Admin to be added.  
Parameter Group-ID
- ↳ ReportAbuse() — Parameter ⇒ OSU-ID of user to be ~~blocked~~ reported
- ↳ BlockUser() — Parameter ⇒ OSU-ID of user to be blocked.
- ↳ CreateGroup() — New Group class object is created & fields are populated.
- ↳ createEvent() — New Event class object is created & fields are populated.