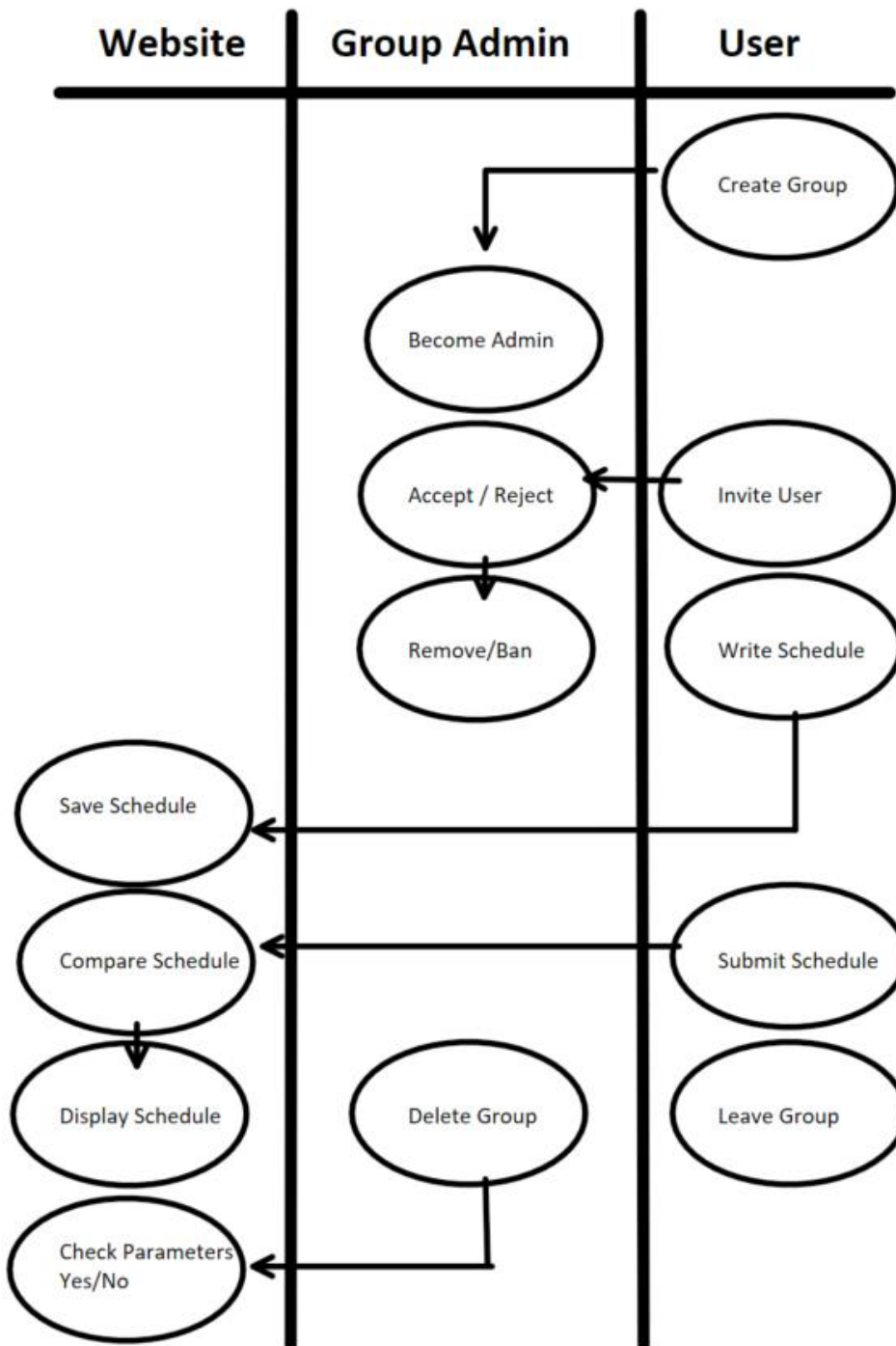# GroupScheduleWebApp UML Design Document
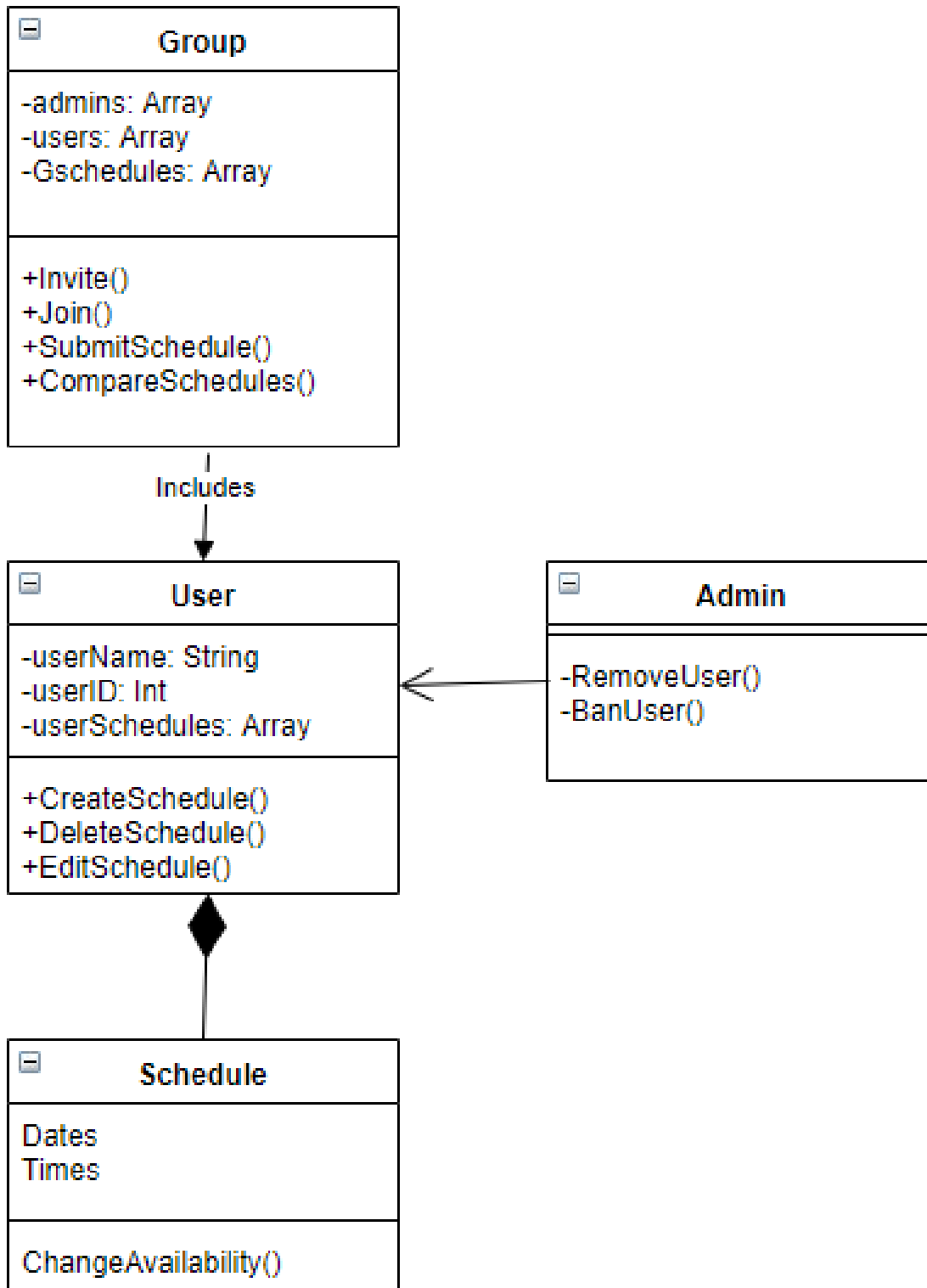
Created by: S.A.F.; Skylar Cruz, Alberto Clara, Fabiane Young

10/21/18

Activity Diagram

Class Diagram

Group

-admins: Array
-users: Array
-Gschedules: Array

+Invite()
+Join()
+SubmitSchedule()
+CompareSchedules()

Includes

User

-userName: String
-userID: Int
-userSchedules: Array

+CreateSchedule()
+DeleteSchedule()
+EditSchedule()

Admin

-RemoveUser()
-BanUser()

Schedule

Dates
Times

ChangeAvailability()

State Diagram

initialized group
display empty group

invite users →

user filled group
show users

submit schedule ↓

full group
compared group

← compare

show compared schedules
wait for compare

invite/remove user

change schedule