Group 10

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Database Sketch

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GENERAL

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User

-Register

+Userid

+Password

+Type

-If student - University

-Login

+Checks if login info is correct

-Can view

+Based on type of user scope

+

Super Admin

-Create University

+Inserts into University entity and consolidates created\_by\_U relationship

-Approve non-RSO events

Student

-With 5 other student can create an RSO

+Check if all conditions are met and creates

-New admin

-New RSO

-New members of RSO

-Comment

-Specified Event and text

-Timestamp, userid, event name primary key

+multiple comments on same event

-Edit comments

+retrieve comments based on specified event and then allow specific changes

-Rate an event

Admin

-Has to be affiliated with one University

-Can own an RSO

+Should be consolidated during creation of RSO gui

-Can create events

-Approve RSO event

Events

-Can be seen based on event type

+private - university(of creator admin)

+public - everyone

+RSO - members

RSO

-Has members and owner

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SQL STATEMENT TO SeeEvents

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variables/parameters:

user.uid #user's id

user.uni\_name #user's associated university

// Maybe make this SELECT statement within a function

// So we can pass user's parameters like uid and uni\_name

#Private Events

SELECT \*

FROM Events E

WHERE E.type = 'Private'

AND E.created\_by\_E IN ( SELECT A.uid

FROM Admins A

WHERE A.uni\_name = $[user.uni\_name])

UNION

#Public Events

SELECT \*

FROM Events E

WHERE E.type = 'Public'

UNION

#RSO Events

SELECT \*

FROM Events E

WHERE E.type = 'RSO'

AND EXISTS ( SELECT \*

FROM Member M, RSO R

WHERE $[user.userid] = M.userid

AND M.rname = R.rname

AND R.uid = E.created\_by\_E)

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GUI IMPLEMENTATION

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-Home

+Registration

+Login

-Dependent on Scope

=ALL

+View Events

=Super Admin

+Create University

+Add Locations

=Admin

+Create Event

=Student

+Create RSO

+Join RSO

+Comment

+Rate