

February 28, 2017 11:06 AM

Class Diagram

- User
 - ~~general user~~
 - admin leader

}] hold information for a user

User

- first name : String
- last name : String
- email : string
- encrypted password : string
- DOB : string
- image filename : string
- group : string[]
- # of group : int
- user id .

Admin Leader

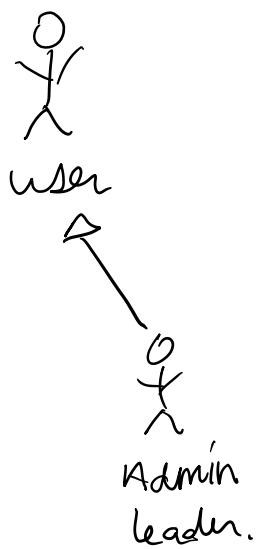
- # of admin group : int
- groups you are admin :

User class .

-- n n -

User
R .

users account



string []



full class
Chat class
Calendar class
Group class

\Admin

gr^o

Group

Attributes

- name
- id
- # of members : int
- # of admins : int
- user id members : int []
- user id admin : int []
- file id : int
- calendar id : int
- chat id : int

Functions .

- create Group
- add member
- add Admin
- kick member .

up / \ private user ^ group / \ private

/

- leave group
- Destroy Group

File Class

Attributes

- name: string
- extension: string
- id:
- size
- Date Created:
- Date Modified: string

Functions

- Create
- edit
- delete
- Copy
- view
- Delete Individual File
- Destroy File Class

Chat Class

Attribute

Group File Class

Attributes

- group id
- user uploaded
- last edited user

Functions

Create Group File

Messa

Attribute

- message
- text
- user Pic

Private File Class

Attributes

- user id .

Functions

CreatePersonalFile

age class .

age id : int

: string

start : int

- chat id : int
 - DataMessage : Message (linked list)
 - # of messages
- owner
- Timestamp

Function

create

Function

Create Chat

Add message

Destroy chat class.

Calendar Class

Attributes .

- event name : string
- event description : string
- id :
- event Date
- event Time

Group Calendar

Attributes .

- group id
- user uploaded

Functions
CreateGroupFile

Functions

- Create

- edit

- delete

amp: string

ns.

the message

(add)

Private calendar Class

Attributes

- user id .

Functions

CreatePersonalFile

www.

- View
- Delete individual Event
- Destroy Calendar class

User

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Admin Leader

- # of admin group : " groups you are admin

+

: string[]