

Members:

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users

The user collection will store all users and their information. Users will be able to login and post notes.

```
...
{
  "_id" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "sessionId" : "b3988882-627f-4c59-8d5d-54b7a43b030e",

  "hashedPassword": "$2a$08$XdvNkfdNIL8Fq7l8xsulUeSbNOFgK0M0iV5HOskfVn7.PW
ncShU.O",
  "name" : "Sunil Swarna",
  "email" : "sswarna@stevens.edu",

}
...
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user
sessionId	string	A globally unique identifier to represent the user's current session
hashedPassword	string	An encrypted string that is a hashed version of the user's password
name	string	The user's name
email	string	The user's email id

comments

The comment collection will store all comment and their description. Users can comment on their friends page.

```
{
  "_id" : " d7a44a10-0de3-44ad-9c58-5f3fe8f1c0d3",
  "noteid" : "b3988882-627f-4c59-8d5d-54b7a43b030e",
  "userid" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "description" : "Hii this is the first post sunil",
  "commented_at" : "2013-12-12T16:00:00.000Z",
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the comment
noteid	string	An identifier to represent the which note is the comment belongs to
userid	string	An identifier to represent the which user had made that comment
description	string	Description of the comment made by the user
commented_at	string	Date & time of the comment

##tags

The tags collection will store all tags which users post in the comments.

```
{
  "_id" : " d7a44a10-0de3-44ad-9c58-5f3fe8f1c0d3",
  "tagName" : "food"
}
```

Name	Type	Description
_id	string	A globally unique identifier to identify the tag
tagName	string	Tag name (made with context of the post)

Notes

User can create notes as much he likes. User can add location, radius of interest around the location, and tags to categories them. User/Friend can comment on this note as well.

...

```
{
  "_id" : " d7a44a10-0de3-44ad-9c58-5f3fe8f1c0d3",
  "user_id" : "b3988882-627f-4c59-8d5d-54b7a43b030e",
  "note_title" : "This is title",
  "note_content" : "This is description of note",
  "latitude" : "40.746388",
  "longitude" : "-74.04941",
  "radius" : "1.3", ( in miles)
  "allowcomment" : "1", ( boolean value)
  "note_created_at" : "2017-2-11T3:21:00.000Z",
  "last_update" : "2013-12-12T16:00:00.000Z",
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the note
user_id	string	An identifier to represent the user this note belongs to
note_title	string	Title of the note
note_content	string	Content of the note
latitude	string	Latitude of the note location
longitude	string	Longitude of the note location
radius	string	Describe the active radius of the note
allowcomment	string	Boolean variable to control the comment on the post
note_created_at	string	Date & time of note creation
last_update	string	Date & time of last note update

Friends

User can send friend request and accept the friend request. He can view the notes of his friends.

...

```
{
  "_id" : " d7a44a10-0de3-44ad-9c58-5f3fe8f1c0d3",
  "frnd_1" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "frnd_2" : "b3988882-627f-4c59-8d5d-54b7a43b030e",
  "is_frnd" : true( boolean values)
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the friendship
frnd_1	string	An identifier to represent the friend 1
frnd_2	string	An identifier to represent the friend 2
is_frnd	boolean	true represent that both are friends, false represents that friend 1 has sent a friend request to friend 2