**Database Design**

**Database Type:** Document based DB (Mongo DB)

**List of Tables:**

* Users
* UserLog
* Profiles
* Category
* Location
* Events
* Groups
* Messages
* Historical Messages
* Blocked Users

**Table Description and fields used:**

1. **Users.**

This table will hold the list of users, user type – Individual or Couple, whether they are active or blocked, user password, need to reset password or not.

**Fields:** UserId, UserType, Active – Yes/No, Password, Reset\_Pwd – Yes/No.

1. **User Log.**

This table holds the information User login timings on a day.

**Fields:** UserId, Date, Login Time, Last login Time

1. **Profiles.**

This table will hold all the details of a User like his Name, Gender, Age etc.

**Fields:** UserId, Name, Age, DOB, Gender, Default Location, Couple-Yes/No, Picture

1. **Category**

This table will hold the details of users attached to different Categories.

**Fields:** UserId, Category

1. **Location (This may not be needed as we can store the location in events)**

This table will hold the details of Location and Event Id.

**Fields:** Location, Event ID

1. **Events**

This table will hold the Event Details details

**Fields:** UserId, EventsId, GroupId, Descr, LongDescr, Active, CouplesOnly-Yes/No, Location, GPRS Co-ordinates, Pictures.

1. **Groups**

This table will hold the details of a group like its name, Users, creation date etc.

**Fields:** Group Id, Groupname, Creation Date, Active, Closed Date, Users

1. **Messages: (**Need to discuss about this table)

This table will hold the inbox details of a user. **It will hold only 30 messages for each user(need to be decided)**

**Fields:** UserId, Message Id, Title,Descr, creation dt,sender, groupId

1. **Historical messages: (need to be discussed)**

This table will hold the past messages of a user. It can hold the most recent 100 messages which are moved away from the User Inbox.

**Fields:** UserId, Message Id, Title,Descr, creation dt,sender, groupId