GC Task Management Work Flow

TODOs:

* Create Skills Management in backend.
* Associate/relateSkills with task categories.
* Create field for fixed price or open bid option selection in task table.
* Create field to store multiple preferred country id/s and is\_location\_country for the task.
* Need field to store poster selected category questions for the task.(as json or new table)
* Create replicate task option on left panel under Previous Task
* Calculate distance differene between task location and tasker location and display this on right panel.

Clarifications needed:

1. Task Category :
   1. Can poster select parent category for the task or only node level category?
2. Need to define template structure and management in backend.
3. Can there be multiple templates for the same task category?

* Check from Task Rabbit

1. Can Poster select multiple regions or countries for the task?If yes than need to modify table structure.
2. What is the purpose of separate task category table while we are using single category selection option on front end poster? We have to add extra field for category in task table if we remove task categories table.
3. Size of category name field (40 or 100)?
4. Size of title field (40 or 200)?
5. Reason to drop work\_hrs, bid\_start\_dt, bid\_close\_dt in task table
6. Should have field task\_accept\_time by the tasker
7. Use of field cash\_required in task table? Is it for offer price by the poster for the task?
8. Estimated task finish date for virtual task?
9. Field to determine whether task is assigned by poster or it is assigned by the system automatically.
10. Field to determine publish date/time of task.
11. Table for task invitees
12. What is the use of Template Category on left panel while we are already have option for category selection?

* Remove from left side

1. There may be situation where task is instant but shuld be finished on specified date/time. For this there sould be option UI to manage this?
2. How would user go to preview option and how would preview be displayed(in popup or page)
3. Can Poster unselect invited taskers? How would user unselect selected invited taskers?
4. There should be IP tracking on user registration and user login actions.
5. Tracking of used device on registration and login action.
6. Average task price field and management

TODO:

Discussion Points with Ajay Sir

1. Need to manage skills as they are different than subcategories

Create table gc\_mst\_skill with following fields

Catg\_id, skill\_id pk

Gc\_dta\_skill\_locale table with following fields

Skill\_id, skill\_name

Create indexing with lang,skill\_name

1. Associate/relate Skills with task categories.
2. Need to manage summary data
3. Need to discuss google address distance search for instant task
4. With free account 2500 requests per day, with associated credit card 10000 requests per day google distance calculator service
5. How to display regions on virtual task form (regions from all countries or specific country [if specific country than how to determine which country?])
6. In which field store selected multiple preferred locations list for the virtual task
7. Need field to store poster selected category questions for the task.
8. How to manage bid start and end date time? We have dropped these columns from gc\_dta\_tasktable
9. Change “date” to “dt” for start\_date and end\_date
10. How to manage “This task requires $25 – do you have $25 to use on this task?”
11. Max file size allowed to file upload for image, video, audio?
12. Which video, audio, document types are allowed to upload?
13. Repost Task -> fill all data of previous task in current task except start and finish date?
14. How to determine task is published?

Is\_published =yes, no default 0

1. Why we are using valid\_from\_dt only four characters long. Date is 8 character long
2. Task related dates: Task\_start\_date\_by poster, Task\_start\_time\_by poster, Task \_end\_date\_by poster, task\_end\_time\_by poster, Tast\_start\_date\_by tasker, task\_start\_time\_by tasker, task\_end\_date\_by tasker, task\_end\_time\_by tasker, task\_bid\_start\_date, task\_bid\_end\_date, publish\_start\_date, publish\_end\_date, publish\_start\_time, publish\_end\_time, task\_create\_date
3. What are the constraints, validations while publishing task (Which fields should exist in profile, Payment should be deducted while publishing task, payment details should exist to autodeduct amount (task amount + commission))
4. Should user be allowed to change category in edit mode? If yes than the task form would get blank or it will hold previous entries which may be irrelevant with currently changed category?
5. Where to redirect user after publish task?
6. There can be end date in instant task (like task would run for 2 days but should start instantly)
7. Which image should be displayed on create task page left panel with “template category” and “previous tasks”
8. How much details should be displayed with “template category”
9. How to manage tasks and users in backend (according to view)
10. Which field relates to “Need tasker at”?

Need\_tasker

1. What is logical question type?
2. Where would answers be stored?
3. What is the use of location\_region\_id, location\_street1, location\_street2, location\_country\_code, location\_state\_id, location\_city\_id, location\_zipcode

http://www.aryahelp.com/greencomet/task-detail-and-praposal.html

http://www.aryahelp.com/greencomet/profile/notifications.html

http://www.aryahelp.com/greencomet/task-preview.html

<http://www.aryahelp.com/greencomet/task-detail-and-praposal.html>

<http://www.aryahelp.com/greencomet/profile/notifications.html>

<http://www.aryahelp.com/greencomet/task-preview.html>

<http://192.168.1.200:8080/greencometdev/poster/taskpreview>

task\_question

task\_id

question\_id

primary key (task\_id, question\_id)

**payment\_mode = fixed or open**

[2/20/2014 8:43:29 PM] Ajay Thapar: skill

[2/20/2014 8:43:34 PM] Ajay Thapar: catg\_id

[2/20/2014 8:43:45 PM] Ajay Thapar: skill\_id pk

[2/20/2014 8:47:58 PM] Ajay Thapar: skill\_locale

[2/20/2014 8:48:03 PM] Ajay Thapar: desc

[2/20/2014 8:48:20 PM] Ajay Thapar: lang

[2/20/2014 8:49:43 PM] Ajay Thapar: description

[2/20/2014 8:52:38 PM] \*\*\* Call ended, duration 10:03 \*\*\*

[2/20/2014 10:48:06 PM] Ajay Thapar: task\_location

[2/20/2014 10:48:30 PM] Ajay Thapar: is\_location\_pref

[2/20/2014 10:48:37 PM] Ajay Thapar: is\_region

[2/20/2014 10:48:44 PM] Ajay Thapar: regiog\_id

[2/20/2014 10:48:54 PM] Ajay Thapar: country\_id

[2/20/2014 10:49:29 PM] Ajay Thapar: iff (is\_region, region\_id, country\_id)

[2/20/2014 10:50:29 PM] Ajay Thapar: add column location\_logitude varchar(30),

add column location\_latidude varchar(30),

add column location\_geo\_area varchar(100),

[2/20/2014 10:53:56 PM] Ajay Thapar: add column location\_logitude varchar(30), tasket\_at varcahar(200)

[2/20/2014 10:59:23 PM] Ajay Thapar: task\_question

[2/20/2014 11:03:25 PM] Ajay Thapar: bid

[2/20/2014 11:03:35 PM] Ajay Thapar: task\_id

[2/20/2014 11:03:39 PM] Ajay Thapar: question\_id

[2/20/2014 11:03:42 PM] Ajay Thapar: reply

[2/20/2014 11:03:51 PM] Ajay Thapar: reply\_desc

[2/20/2014 11:03:58 PM] Ajay Thapar: reply\_yesno

[2/20/2014 11:04:23 PM] Ajay Thapar: tasker\_id

[2/20/2014 11:04:44 PM] Ajay Thapar: task\_id + tasker\_id + q\_id

[2/20/2014 11:05:18 PM | Edited 11:05:28 PM] Ajay Thapar: task\_id + q\_id

[2/20/2014 11:08:48 PM] Ajay Thapar: add column start\_date date,

add column start\_time char(4),

add column end\_date date,

add column end\_time char(4),

[2/20/2014 11:17:15 PM] Ajay Thapar: # task\_kind = v/p/i - v - virtual, p - in person, i = instant

# payment\_mode - 'f' fixed price, 'b' bidding

# preferred\_location - 'r' regison' - 'c' country, null means no preference. Applicable in Virtual type task

# tasker\_in\_range - an int value that can be interprated as miles or time to drive as required.

=====================================================================================

01-03-2014

Notifications

Task Preview by tasker

Tasker Proposal Form

Notifications to poster

Inbox

Tasker Profile seen to poster before bid or offer

1. Option to ask questions by the tasker or viewer. To manage this we can add comments section on task. Tasker or viewer can write their questions / comments regarding the task. We can keep an option to make comment public or private. Private comments are visible to only related tasker/viewer and poster only.
2. Default value for `updated\_by` in gc\_dta\_task\_tasker table? Does it need constraint
3. Add the following new column (suggested by Manoj) in gc\_mst\_category\_question table (Refer point 4 below for alter script/

#holds expected answer of question\_type='l'

expected\_answer\_logical  bit(1)

#holds expected answer of question\_type='d' and 'v' types

expected\_answer\_desc varchar(500)

In which table it will be saved? Should it be in locale table?

1. How to manage dta\_user table with mst\_adminuser table?
2. Option for reviews for tasker and poster
3. There should be some protection from abusing words in comments and description fields entered by the poster and tasker
4. tasker\_user\_id can be same as creator\_user\_id. It s mentioned in table field comments. This should not be allowed. Poster can improve own ratings and reviews.
5. What is the use of tasker\_geo\_location field In tasker\_task table? We don’t have tasker geo location information.
6. In which db table field save project assigned date
7. Reviews Table for poster and tasker
8. Ratings table for poster and tasker
9. What should be the url for attachments added by tasker on proposal form
10. When viewing user images in url we have option to create image if specified size is not available. This could be dangerous as an script may call url with different image sizes. This would crash the server or run out from space on disk.
11. Notifications table

Date: 15-03-2014

Points discussed with Ajay sir

1) As a general rule, when data on part of the page is to be refreshed from the server, do the following:

\* Get related data in one Ajax hit

\* Response from server should be JSON response

For instance, on create task, when user clicks to "Change Category", get Form, Previous task, and template category data in one go, and change appropriate data area to avoid flicker.

Stats: Working

2) In ErrorLog Log User ID or other necessary primary information helpful to trace and resolve issue easily.

3) If required dump extra information in trace or error log

4) Manage images, JS and CSS file caching like vobolo.com and find a way to remove script file loading which are repeating in controllers.

5) Add New columns in gc\_dta\_task table to avoid joining to fetch some information related to task

Field: `task\_tasker\_id` bigint(20)

Field: `task\_assigned\_on` datetime

Field: `task\_eta` //expected estimated date

6) Should not generate new image using dimensions from url.

7) To Manage Reviews Add 2 new Fields in gc\_dta\_task Table

Field: tasker\_review\_comments (2000)

Field: poster\_review\_comments (2000)

8) Keep large varchar size in table fields wherever required to avoid field size extension in future. Ex: 4000

9) Manage character limits by setting configurations for character limits on different text fields

10) Apply caching for masters (country list, category lists for (virtual, in-person, instant tasks), Skills)

11) Add option to manage work profile for multiple countries by adding country selection field in profile. User profile would be single but he/she can add multiple countries to show availability.

12) To manage point# 11 Create a new table `user\_work\_location` with following fields

`user\_id` bigint(20)

country\_code

state\_id

region\_id

city\_id

status with default `a`

13) Modify `task\_tasker\_id` field in `gc\_dta\_user\_alert` table to `alert\_type\_ref\_id`

14) There should be index on `for\_user\_id` and `is\_seen` field in `gc\_dta\_user\_alert` table

15) Need to specify user communication/comments schema

Date: 20-03-2014

1. Link to Bidders list after edit/save when task is published
2. Bid duration on update in virtual task
3. How to manage countries list in multiple languages. If admin has not created country list or country for specific language and user has selected that language than what should be displayed to user?
4. Api format

$result ={

"status":’error’ | ‘ok’,

"status\_code":"server defined error code",

"message":"Record Created",

"data":{

"total\_count":"1",

"work":[

{

"id": "31",

"title": "title31",

"author\_id": "31",

"content": "content31",

"create\_time": "2013-08-20 09:23:14" //utc long value

}

]

}

}

Keep auth\_key with timestamp

auth\_key will contain app identification, user identification, device identification and validity

auth\_key would be two way encrypted key provided by the server on authentication and required in each request command to request data from server.

24-03-2014

1. Difference b/w creator\_user\_id and tasker\_user\_id in dta\_tasks table,
2. Which field should be used to maintain tasker\_review\_id in dta\_tasks table
3. There is no constraint specified on create\_user\_id and tasker\_user\_id in dta\_tasks table
4. Caching on dynamic data e.g. feeds
5. Server setup for notifications
6. Field to store query/questions asked by the tasker on proposal form.
7. There can be multiple comments from tasker and poster
8. Inbox messaging table schema
9. How to manage language in backend to create text in multiple languages
10. Team concept / premium members / escrow process / background verification / email templates / sms templates / third party login

04-04-2014

* 1. Discussion on mail sending process / api
  2. Multiple Save search results and retrieve saved settings

Manage through gc\_dta\_user\_attrib table

* 1. Smart filtering
  2. Default result display with smart search intelligence
  3. Rating by Poster on multiple sections
  4. Rating by Tasker on multiple sections
  5. Inbox
  6. Tags in inbox
  7. Potential user

Manage using gc\_dta\_user\_bookmark table

* 1. Search / sort
  2. Proposal search
  3. Api review

Use token and json string to manage api

Token key would be combination of user\_id, device\_id, expiry\_dt

Make a string which would work as token using above 3 params.

While generating token on request save os\_type, device\_model, os\_ver and cloud key e.g. i=ios, samumg ACE , 6.1

Cloud key would be used for push notifications

Socket implementations is faster than http implementation but good socket management knowledge is required

* 1. Fast feeding using api
  2. Save search result
  3. Need separate field for is\_invited or is\_bidder in task\_tasker table to identify that invited user has bided or use proposed \_cost field to distinguish invited or bidder user
  4. How to get highly rated taskers or posters in search
  5. Search premium tasks
  6. Search nearby
  7. Keep same image url for same category
  8. Task completion method
  9. Use of user\_contact\_pending table

Drop this table

* 1. Keep timezones as static array
  2. Cron data population in summary tables

It would be managed by shell scripts

14-04-2014

Discussion points with Ajay sir

1. Use of mongodb or graph database to manage data

No transaction controlling

1. On the User Admin screen, I would like see the IP address from where the person is accessing the site. I would also like the admin option to block that IP address as well.
2. Record IP address from where user is accessing site
3. Block user IP address

Block at apache level

1. Can admin user access front end with admin right?

yes

1. All members need to have a member ID number on the back-end. This is not a public number. It should be on the manage users page

Member\_id varchar(500) in user table which should be unique constraint

1. How to find most valued
2. Payment /escrow process
3. Transactions record
4. Notifications settings
5. What should be the constraints on inbox, inbox detail, user\_attrib, bookmark, connection tables
6. Fast feed response to mobile devices

Socket implementation

Non-blocking io

Open-fire for ports

1. Interactions with mobile devices
2. Category subcategory

Use jquery tree view for subcategory display (subcategory would be must be selected)

1. Hourly rate

Add field in tasks table ‘price\_type’ h=hourly, f=fixed char(1)

1. Api

Create customized error codes to send user end

xmpp server, client

token

{"catg":"php", "city":"jaipur", "skills":"php", "java"....}

[9:57:56 AM] Ajay Thapar: val1:val2:val3

[9:58:04 AM] Ajay Thapar: yqwterqt6425432846238746rtayrewu

[9:58:38 AM | Edited 9:59:55 AM] Ajay Thapar: user\_id:device\_id:expiry\_dt

[10:00:11 AM] Ajay Thapar: user\_id, device\_id

[10:01:55 AM] Ajay Thapar: UDID

[10:02:27 AM] Ajay Thapar: os\_type, device\_model, os\_ver

[10:02:36 AM | Edited 10:02:56 AM] Ajay Thapar: i, 6.1

[10:03:12 AM | Edited 10:03:17 AM] Ajay Thapar: samumg ACE

[10:03:58 AM] Ajay Thapar: cloud key

[10:05:33 AM] Ajay Thapar: HTTPS

[10:05:47 AM] Ajay Thapar: Socket based

21-04-2014

* 1. How to display old data for my tasks if we remove data after some time from tasks table
  2. How to store various dates for task (open, finish, suspend dispute, assigned)
  3. Category specific jobs available
  4. How to manage/store notifications templates from backend
  5. How to manage / store mail templates from backend
  6. User IP block
  7. CMS Content management in backend for static page management
  8. User Account suspend with date , reason, days how long it will be suspended. Will suspension be revoked automatically after completing suspension period or it need manual revocation
  9. Which field to use for suspend status

Dta\_user table = status should be changed to s for suspended table

Maintain user activity table for suspend date, suspend reason

Suspend reason would be entered in comments field

* 1. Can admin add / edit user accounts
  2. What is the use of gc\_dta\_user\_contatct\_pending table?
  3. Table for questions by poster for task
  4. Table for receipts upload by tasker
  5. Service fee and discounts management per user basis
  6. How to manage email templates from backend and use in frontend
  7. Dispute management

Date: 27-05-2014

1. Attachment while creating project

You will also create a section in the admin panel where we can limit the number of files to be uploaded and limit the file size of each file. The default setting for that admin control will be 4 uploads and 500kb per file.

2. Search control for invitees

Search control will be Latest time the user has been active, The number of projects that have been completed, Average price of projects completed, and location (county/city). The latest version of the wireframe is attached.

3.

Query for Ajay sir

1. How to manage category, subcategory, skill in user notification settings
2. Receipt upload, receipt amount , expenses
3. **QB37:** Team messages will be in the users message central and on the team pages. We will have it in both places so it is easy and simple to communicate. How to maintain if message belongs to team?

add task\_question\_id, created\_at, updated\_at, created\_by, updated\_by in task\_question table

create index for is\_highlighted, is\_premium\_task

ALTER TABLE `gc\_dta\_task\_question` ADD `task\_question\_desc` VARCHAR( 2000 ) NULL AFTER `question\_id` ;

ALTER TABLE `gc\_dta\_task\_question` CHANGE `question\_id` `question\_id` BIGINT( 20 ) NULL ;

ALTER TABLE `gc\_dta\_task\_question` ADD `task\_question\_id` VARCHAR( 2000 ) NULL FIRST ;