**CUSA**

Database Structure

**[file ver 4.0]**

**Legends:**

Underline = primary key

Dotted underline = Unique

(Parenthesis) = foreign key

For values of Type enum: dotted underline is the default value

Changes in versions are in GREEN (add/edit); RED (delete); BLUE (under consideration for deletion)

**Field Names & Settings:**

All fields: set to ‘Not Null’ (wherever possible)

All fields: in small letters (no capital letter)

All fields: no space, use underscore instead

Datetime / timestamp fields will be named as “\*\_on”

All TEXT fields are in utf8-general / Database is also in **utf8**

Some specific tables to be in **MyISAM** for faster searching

//Double slashes for comments

**ⱡ** = no work needed in admin  
**ⱡ** = added to admin

**[SITE MANAGEMENT / CMS]**

**ⱡseo\_tags**

* id [int – 11]
* seo\_tag [varchar – 30]

**ⱡstatic\_routes**

* id [int – 11]
* (seo\_tag\_id) [int – 11]
* controller [varchar – 25]

**ⱡpage\_categories**

* id [int – 11]
* title [varchar – 60]
* is\_active [tinyint – 1] {def=1}

**ⱡsite\_pages**

*//we can group multiple pages into a category by giving same cat\_id (like articles, blogs etc)*

*//hide extra fields from admin for home*

* id [int – 11]
* (cat\_id) [int – 11] {def=0} //optional
* title [varchar – 60]
* page\_heading [varchar – 150]
* pg\_content [longtext]
* pdf\_content [text] //empty means its html content
* (seo\_tag\_id)
* meta\_keywords [varchar – 255]
* meta\_descr [varchar – 255]
* popup\_only [tinyint – 1} {def=0}
* show\_in\_footer [tinyint – 1] {def=1}
* delete\_locked [tinyint – 1} {def=0} //manual lock for Admin delete
* self\_managed [tinyint – 1] {def=0} //for pages like contact us
* is\_active [tinyint – 1] {def=1}

**ⱡsite\_misc\_data** //key-value pair

//put data such as cat=“website\_functions”, cat=’why\_collaborate’

*//group together by providing same category, such as ‘home\_sliders’*

* id [int – 11]
* m\_cat [varchar – 70] //not unique, hence a cat instead of key
* title [varchar – 250]
* m\_value [text]
* content\_type [enum] {plain, html}
* content\_settings [varchar – 150]
* m\_image [varchar – 50]

**ⱡsite\_media***//place all dynamic or changeable media here, such as the site’s main logo (m\_cat=’main\_logo’)*

* id [int – 11]
* placement\_tag [varchar – 50] //auto-generated
* m\_cat [varchar – 25] //not unique, hence a cat instead of key
* m\_file [varchar – 50]
* m\_type [enum] {‘video’, ‘image’}
* alt\_text [varchar – 100]
* added\_on [datetime]

**ⱡsite\_contact\_info**

* id [int – 11]
* c\_key [varchar – 50] *//unique title*
* c\_value [varchar – 230]

**ⱡsystem\_config***//all config values goes here. Such as   
//‘voice\_life\_days’   
//‘voice\_min\_score\_ratio’*

* id [int – 11]
* title [varchar – 100]
* c\_key [varchar – 50]
* c\_value [varchar – 50]

**sidebar\_ads**

* id
* title [varchar – 150]
* visit\_url [text]
* content [text] //file, google Ad Content, etc
* c\_type [enum] {image, snippet}
* visit\_counts [bigint – 20] {def=0}
* is\_active [tinyint – 1] {def=1}
* expires\_on [datetime] //empty = never
* added\_on [datetime]

**micro\_cms**

* id [int – 11]
* m\_cat [varchar – 70] //not unique, hence a cat instead of key
* m\_type [enum] {article, video}
* title [varchar – 250]
* m\_value [text]
* embed\_value [text] *//coming from 3rd party*
* added\_on [datetime]

**[Misc]**

**ⱡcountries**

* country\_code [varchar – 2]
* country\_name [varchar – 70]

**ⱡstates**

* id
* state\_code [varchar – 3]
* (country\_code) [varchar – 2]
* state\_name [varchar – 150]

**ⱡsecret\_questions**

* id
* question [text]

**[BUSINESS MANAGEMENT]**

**ⱡmembership\_packages**

* id [int – 11]
* title [varchar – 100]
* cost [float] {def=0}
* intro\_copy [text]
* is\_basic [tinyint – 1] {def=0} //Share vs Basic
* is\_recursive [tinyint – 1] {def=0} //for DUES
* recursive\_cost [float] {def=0}
* display\_order [int –2] {def=1}
* is\_active [tinyint – 1] {def=1}
* added\_on [datetime]

**ⱡpackage\_benefits**

* id [int – 11]
* (package\_id)
* title [varchar – 70]

**ⱡpatronage\_points\_config**

*//cannot be deleted, but only deactivated*

*//direct `points` will take precedence over `percentage\_points`*

* id [int – 11]
* category [varchar – 20] //select only
* action\_title [varchar – 70]
* action\_key [varchar – 20] //used by code to match
* points [int – 3] {def=0}
* percentage\_points [int – 2] {def=0} //for percentage based points
* limits\_per\_day [int – 10] {def=0} //per user; 0=no limit
* is\_active [tinyint – 1] {def=1}

**[USERS MANAGEMENT]**

**ⱡacc\_verifications**

* id
* (user\_id) [int – 11] //unique
* verification\_str [text]

**ⱡusers***//profile\_pic will hold either pic\_url(=img), nothing(=avator)*

* id [int – 11]
* (package\_id)
* email\_add [varchar – 150]
* pass\_w [text]
* screen\_name [varchar – 50] //’unique’ managed from code instead
* profile\_pic [varchar – 50]
* first\_name [varchar – 50]
* middle\_name [varchar – 20]
* last\_name [varchar – 50]
* company\_name [varchar – 100]
* identify\_by [enum] {full\_name, screen\_name, company\_name}
* account\_activated [tinyint – 1] {def=0}
* is\_blocked [tinyint – 1] {def=0}
* joined\_on [datetime]

**ⱡuser\_info**

* id
* (user\_id)
* (secret\_question\_id) [int – 11]
* secret\_answer [varchar – 200]
* (country\_code) [varchar – 2]
* state [varchar – 50] //put state\_code whenever found
* city [varchar – 200]
* address\_ln\_1 [varchar – 200]
* address\_ln\_2 [varchar – 150]
* zip [varchar – 20]
* phone\_number [varchar – 20]
* total\_patronage\_points [int –3] {def=0} //to save count queries on actual tbl

**ⱡuser\_permissions**//csv of fields (only non-public; to save load)

//match context on runtime show between: public, friends, self (expend in future)

* id
* (user\_id)
* fields\_perm [text] //me and my c onnections only
* fields\_private [text] //only\_me

**user\_petronage\_points**

* id
* (user\_id)
* (pp\_config\_id)
* points\_received [int – 3]
* received\_on [datetime]

**user\_ppoints \_dump**

***//dump entries here every November***

* id
* (user\_id)
* (pp\_config\_id)
* points\_received [int – 3]
* received\_on [datetime]
* year\_number [year]

**user\_friends //=*user\_w9****//encapsulated* ***user\_w9*** *form table*

*//only for SHARE members only*

* id
* (user\_id)
* name [varchar – 255]
* business\_name [varchar – 255]
* classification [varchar – 150] //LLC, C Corp, S Corp. etc
* classif\_add [text] //for classification = `Other`, or LLC
* ex\_payee [varchar – 70]
* ex\_fatca [varchar – 70]
* st\_address [text]
* city [varchar – 200]
* state [varchar – 50] //select box for US States
* zip [varchar – 20]
* no\_backup\_wh [tinyint – 1] {def=1} //checkbox no 2
* s\_name [varchar – 100]
* s\_email [varchar – 150]
* s\_date [date]
* filled\_on [datetime]
* last\_updated\_on [datetime]

**user\_friends\_verifica //=*user\_w9 TINs*  
*//encapsulated and encrypted.. most important data***

*//only for SHARE members only*

* id
* (v\_key) [varchar – 50] //md5(user\_id+’X‘+user\_w9’s id)
* veri\_1 [text] // 9 digit tin\_ssn encrypted
* veri\_2 [text] // 9 tin\_ein - employer identification number

**ⱡuser\_invitations**

* id
* (user\_id)
* (invited\_by\_id)
* msg [text]
* viewedby\_receiver [tinyint – 1] {def=0}
* invited\_on [datetime]

**ⱡuser\_contacts**

* id
* (user\_id)
* (contact\_id)
* connected\_on [datetime]

**ⱡuser\_contact\_imports**

*//save only “Invite Selected” values*

*//user\_id + contact\_email = unique*

* id
* (user\_id)
* contact\_email [varchar – 150]
* contact\_name [varchar – 220]
* ppoints\_key [varchar – 35]
* imported\_on [datetime]

**ⱡuser\_refer\_keys**

*//used when “Import” doesn’t work due to network’s restrictions (such as FB)*

*//key valid for 2 days only*

* id
* (user\_id)
* network [varchar – 20]
* ppoints\_key [varchar – 35]
* expires\_on [datetime]
* referred\_on [datetime]

**ⱡmsg\_thread**

* id
* created\_on [datetime]
* last\_message [datetime] //to save search query

**ⱡmsg\_thread\_members**

* id
* (thread\_id) [int – 11]
* user\_id
* is\_read [tinyint – 1] {def=0}
* is\_deleted [tinyint – 1] {def=0}
* left\_comm [tinyint – 1] {def=0}

**ⱡmsg\_thread\_comm**

* id
* (thread\_id)
* from\_user\_id
* msg [text]
* sent\_on [datetime]

**[NOTIFICATIONS] //engine = MyISAM**

**ⱡnotification\_templates**

//[imp] empty `title` to not show in “notification settings”

//event\_type = tweet, fb-share, reply etc

* id [int – 11]
* notification [text] //USER = From, USER2 = To
* event\_type [varchar – 120] //for reference
* title [varchar – 100] //for user\_notif\_settings
* description [text] //for user\_notif\_settings

**ⱡuser\_notif\_settings**// by default, all notifications are allowed

* id [int – 11]
* (user\_id) [int – 11]
* noti\_templates\_disallow [varchar – 100] //csv match notification\_templates

**user\_notifications**

*//user\_ids = id, or csv of ids, or \* (=all), or P\_packid (=package)*

//based on settings and templates defined above

//object info is needed to open it after click from notification bar

//objects can have multiple values separated by:colon

//`object\_id` is the new Insert ID for the table mentioned in `object\_location`

* id [bigint – 20]
* (template\_id)
* (user\_id) //receiver
* (user\_ids) [text] //receivers (id, csv, \*, P\_packid)
* (from\_user\_id) [int – 11] {def=0}
* objects [varchar – 200] //like Comment, Stream, etc
* (object\_id) [int – 11] {def=0} //to open it after click
* object\_location [varchar – 100] //like table name
* visit\_url [varchar – 100]
* is\_read [tinyint – 1] {def=0} *//for direct notifs only*
* created\_on [datetime]

**ⱡuser\_notif\_read**

*// mark as read, only for group notifs*

* id [bigint – 20]
* (user\_notif\_id) [int – 11]
* (user\_id) [int – 11]
* mark\_del [tinyint – 1] {def=0} //mark as delete

**[PAYMENT MANAGEMENT]**

**ⱡuser\_payments***//for 1 time payment; and for 1st installment*

* id
* (user\_id)
* (package\_id)
* invoice [varchar – 30] //our own system
* amount [float]
* transaction\_id [varchar – 150]
* gateway\_name [varchar – 50]
* gateway\_payer\_id [varchar – 100] *//like paypal email add of customer*
* gateway\_msg [text]
* payment\_status [varchar –30]
* recur\_status [int – 1] {def=0} //0=non-recurring, 1=active, 2=expired, 3=cancelled
* paid\_on [datetime]

**dues\_installments**

*//when periodic DUES are activated for a package*

* id
* (payment\_id)
* (user\_id)
* inst\_invoice [varchar – 30]
* amount [float] {def=0}
* gw\_invoice\_id [varchar – 30] *//invoice number coming from gateway*
* gw\_payer\_id [varchar – 100]
* charged\_on [datetime]

**ⱡuser\_billing**

*//for `ESTORE` section*

* id
* (user\_id)
* name [varchar – 45]
* phone [varchar – 20]
* address [varchar – 255]
* state [varchar – 50]
* city [varchar – 70]
* (country\_code) [varchar – 2]
* postal\_code [varchar – 20]

**ⱡuser\_shipping**

*//for `ESTORE` section*

* id
* (user\_id)
* name [varchar – 45]
* phone [varchar – 20]
* address [varchar – 255]
* state [varchar – 50]
* city [varchar – 70]
* country\_id [int – 11]
* (country\_code) [varchar – 2]
* postal\_code [varchar – 20]

**[VOICES & VOTES]**

**ⱡvoice\_categories** *//added by admin*

* id
* category [varchar – 150]

**ⱡvoice\_tags** *//by users*

* id
* (user\_id) [int – 11] {def=0}
* tag [varchar – 100]
* added\_on [datetime]

**ⱡuser\_voices**

* id
* (user\_id)
* (voice\_cat\_id)
* (voice\_tag\_ids) [varchar – 120] //json of multiple tags
* question\_text [varchar – 170]
* voice\_details [text]
* voice\_pic [varchar – 50]
* is\_blocked [tinyint – 1] {def=0} //for admin moderation
* added\_on [datetime]

**ⱡvoices\_votes***//one vote per user per voice*

* id
* (voice\_id)
* (user\_id)
* vote\_value [enum] {i\_see, i\_dont\_see}
* voted\_on [datetime]

**ⱡvoices\_dump***//when voice is purged, its data in moved here*

*//when it becomes stream, it moves to stream\_voice instead*

* id
* original\_voice\_id [int – 11]
* (user\_id)
* (voice\_cat\_id)
* (voice\_tag\_ids)
* question\_text [varchar – 170]
* voice\_details [text]
* voice\_pic [varchar – 50]
* added\_on [datetime]
* dumped\_on [datetime]

**ⱡvoices\_votes\_dump**

* id
* (voice\_id)
* (user\_id)
* vote\_value [enum] {i\_see, i\_dont\_see}
* voted\_on [datetime]

**[ECO System]**

**streams\_voice**

**ⱡeco\_system**//[imp] parent is created when a circle/level joins a bigger circle (like Streams become River)**.**

* id
* ~~parent\_id [int – 11] {def=0}~~
* parent\_ids [varchar – 50]
* level [int – 3] {def=1} //1=stream, 2=river, 3=oceans etc
* (moderator\_id) //=user\_id
* title [varchar – 200] //for parents above stream
* description [text] //for parents above stream
* eco\_pic [varchar – 50] //user\_files\prof\{user\_id}\ecosystem\
* (voice\_cat\_id)
* (voice\_tag\_ids) [varchar – 120]
* announcement [text]
* enrollment\_open [tinyint – 1] {def=1}
* discussions\_open [tinyint – 1] {def=1}
* comments\_open [tinyint – 1] {def=1}
* is\_admin\_blocked [tinyint – 1] {def=0} //for admin moderation
* created\_on [datetime]

**ⱡeco\_merge\_requests**

* id
* (requested\_by) //user\_id
* (caller\_eco\_sys\_id)
* (receiver\_eco\_sys\_id)
* verification\_str [text] //added after accepted
* request\_type [tinyint – 1] {def=0} //1=invite, 2=join, 3=merge
* added\_on [datetime]

**ⱡeco\_members**

*//after approval, update joined\_on*

* id
* (eco\_sys\_id)
* (user\_id)
* setting\_keys [text] //psv of values |||
* setting\_vals [text] //psv of values, must match ‘key’ positions
* membership\_status [int – 1]   
  //0=pending request, 1=approved, 2=banned, 3=pending invitation
* banned\_on [datetime] {def =00-00-0000}
* joined\_on [datetime]

**ⱡeco\_discussions**

* id
* (eco\_sys\_id)
* (posted\_by) //user\_id
* topic [varchar – 200]
* details [text]
* json\_response [text] //pulled from external links posted
* moderation [tinyint – 1] {def=1} //1=approved, 0=pending, 2=removed
* status [tinyint – 1] {def=0} //0 pending, 1 approved
* added\_on [datetime]

**ⱡeco\_discussion\_comments**

* id
* (eco\_sys\_id)
* (eco\_diss\_id) [int – 11] {def=0} //for direct comments to eco-system
* (posted\_by) //user\_id
* comment [text]
* json\_response [text] //pulled from external links posted
* has\_comments
* parent\_id
* status [tinyint – 1] {def=0} //0 pending, 1 approved
* added\_on [datetime]

**ⱡeco\_discussions\_attachments**

* id
* (eco\_diss\_id) [int – 11]
* file [varchar – 200]
* type [varchar – 200]
* added\_on [datetime]

**ⱡeco\_feeds\_hidden**

* id
* (user\_id) [int – 11]
* activity\_id [int – 11] // 'id' FROM TABLE defined IN table\_name
* table\_name [varchar – 40]

**eco\_ads**

* id
* title [varchar – 255]
* url [varchar – 255]
* image [varchar – 255]
* status [tinyint – 1] {def=0}
* clicks [bigint – 20]

**[ADMIN]**

**ⱡadmin\_users**

* id [int – 11]
* email\_add [varchar – 100]
* pass\_w [varchar – 100]
* first\_name [varchar –60]
* last\_name [varchar – 60]
* is\_active [tinyint – 1] {def=1}
* is\_super\_admin [tinyint – 1] {def=0}
* added\_on [datetime]

**ⱡadmin\_sections**

* id [int – 11] *//section ids are defined in controllers*
* label [varchar – 60]

**ⱡadmin\_permissions**

*//unique admin\_users\_id+ admin\_section\_id*

* id
* (admin\_users\_id) [int – 11]
* (admin\_section\_id) [int – 11]