

blacklist_ip
+ user_ip: String (unique index)
+ reason: String

blacklist_user_name
+ user_name: String (unique index)
+ reason: String
+ remaining_time: Number (in seconds)

users
+ user_name: String (unique index, length > 3)
+ password: String (Hashed)
+ access_type: Boolean (0 = temporary user, 1 = regular user)
+ role: Boolean (0 = developer, 1 for client)
+ warning_counter: Number
+ creation_time: Number (unix time)

submitted_transactions
+ from_user: String (references 'users')
+ to_user: String (references 'users')
+ amount: Number
+ time: Number (unix time)
+ verified: Boolean

temporary_user
+ user_name: String (reference 'users')
+ deposit_amount: Number (not necessarily verified)
+ status : Number (rejected = 0, accepted = 1, pending: 2)
+ information : String (if pending : any note from super user, if rejected: reason for rejection)

client
+ user_name: String (reference 'users')
+ amount_total: Number (amount of verified money in account of this user for use in this system)
+ penalty_amount: Number
+ interest: String (paragraph text)
+ business_credential: String (Description /+ links to business credential)

developer
+ user_name: String (reference 'users')
+ amount_total: Number (amount of verified money in account of this user)

+ penalty_amount: Number
+ interest: String (paragraph text)
+ sample_work: String (text description /+ links to previous work)

For uploading .png/.jpeg/.jpg
profile image and .pdf resume
(required)

profile.files
+ user_name: String (reference 'users')
+ all other default fields... (filename prefixed with username)

profile.chunks
+ all default fields...

c_system_demand
+ _id: default primary object key
+ c_user_name: String (reference 'users')
+ creation_time: Number (unix time)
+ system_spec: String (paragraph)
+ timeline: Array (of object)
<div>{</div> <div>deadline: Number (unix time),</div> <div>description: String</div> <div>}</div>
+ bidders: Array (of object)
<div>{</div> <div>d_user_name: String (developer's user_name, references 'users'),</div> <div>timeline: Array (of object) { promised_deadline: Number (unix time) }</div> <div>}</div>
+ chosen_bidder: { name: String (references 'users'), reason: String }
+ delivery: { delivery_time: Number (unix time) }
+ rating_on_client: { rating: Number, explanation: String }
+ rating_on_developer: { rating: Number, explanation: String }

For uploading .zip or .tag.gz delivery
files (not required)

delivery.files
+ foreign_id: Object ID references 'c_system_demand' _id
+ all other default fields... (filename prefixed with username)

delivery.chunks
+ all default fields...

warning_protest
+ user_name: String (references 'users')
+ message: String