Documentation OWAES database

STRUCTURE & IMPLEMENTATION

Een oase voor talent
OWAES(E)

Dellisse Manuel

HOWEST GEERT HOFMAN | THE STUDIOS

Inhoudsopgave

ERD (Entity-Relationship Diagram)

tblLog
- id bigint(20) unsigned
- user bigint(20) unsigned
- datum bigint(20) unsigned
- info text
- data text

tblIndicators
- id bigint(20)
- user bigint(20)
- datum bigint(20)
- physical int(11)
- mental int(11)
- emotional int(11)
- social int(11)
- reason int(11)
- link bigint(11)
- actief tinyint(4)
- tmp text

tblFollowers
- user bigint(20) unsigned
- followed bigint(20) unsigned
- startdate bigint(20) unsigned

tblNotifications
- id bigint(20) unsigned
- sleutel varchar(30)
- readdate bigint(20)
- message varchar(300)
- link varchar(150)
- author bigint(20) unsigned
- receiver bigint(20) unsigned
- datum bigint(20) unsigned

tblActions
- id bigint(20)
- user bigint(20)
- created bigint(20)
- tododate bigint(20)
- completed bigint(20)
- actie varchar(50)
- data text

tblFriends
- user bigint(20) unsigned
- friend bigint(20) unsigned
- datum bigint(20) unsigned
- confirmed int(2)

tblFeedback
- id bigint(20) unsigned
- transaction bigint(20) unsigned
- from bigint(20)
- to bigint(20)
- stars int(11)
- public text
- private text

tblUserBadges
- id bigint(20)
- user bigint(20)
- badge bigint(20)
- date bigint(20)

tblUsers
- id bigint(20)
- alias varchar(32)
- login varchar(125)
- pass varchar(256)
- firstname varchar(125)
- lastname varchar(125)
- mail varchar(125)
- description text
- img varchar(128)
- gender varchar(10)
- birthdate double
- telephone varchar(30)
- physical bigint(20)
- mental bigint(20)
- emotional bigint(20)
- social bigint(20)
- visible tinyint(4)
- lastupdate bigint(20)
- admin int(11)
- status int(11)
- statusinfo text
- statusdate bigint(20) unsigned
- bestanden text
- location text
- location_lat double
- location_long double
- showfirstname int(2)
- showlastname int(2)
- showemail int(2)
- showdescription int(2)
- showimg int(2)
- showlocation int(2)
- showbirthdate int(2)
- showgender int(2)
- showtelephone int(2)
- data text
- deleted bit(1)
- actief int(2)
- demo int(11)
- algemenevoorwaarden smallint(12)

tblAbuse
- id bigint(20) unsigned
- created bigint(20) unsigned
- reason varchar(50)
- reporter bigint(20) unsigned
- user bigint(20)
- market bigint(20)
- data text

tblMarket
- id bigint(20)
- author bigint(20)
- groep bigint(20) unsigned
- createdby bigint(20)
- mtype int(11)
- title varchar(125)
- body text
- date bigint(20)
- lastupdate bigint(20) unsigned
- img varchar(255)
- location varchar(255)
- location_lat double
- location_long double
- timingtype varchar(10)
- timing bigint(20)
- credits bigint(20)
- details text
- keyid varchar(256)
- physical bigint(20)
- mental bigint(20)
- emotional bigint(20)
- social bigint(20)
- state tinyint(1)
- deleted tinyint(1)

tblBadges
- id bigint(20)
- mkey varchar(30)
- img varchar(30)
- title varchar(100)
- info text
- zichtbaar smallint(2)
- beloning text

tblConversations
- id bigint(20)
- sender bigint(20)
- receiver bigint(20)
- subject text
- market bigint(20)
- message text
- sentdate bigint(20)
- readdate bigint(20)
- isread int(11)
- data text

tblUserCertificates
- id bigint(20)
- user bigint(20)
- certificate bigint(20)
- date bigint(20)

tblStars
- id bigint(20) unsigned
- datum bigint(20)
- receiver bigint(20)
- sender bigint(20)
- market bigint(20)
- stars int(11)
- comment text
- actief int(11)

tblMarketTypes
- id bigint(20) unsigned
- key varchar(10)
- title varchar(250)
- direction int(5)
- volgorde int(1)

tblCertificates
- id bigint(20)
- mkey varchar(30)
- img varchar(30)
- title varchar(100)
- info text

tblPayments
- id bigint(20) unsigned
- datum bigint(20)
- initiator bigint(20) unsigned
- sender bigint(20)
- receiver bigint(20)
- credits bigint(20) unsigned
- reason bigint(20)
- link bigint(20)
- market bigint(20) unsigned
- actief int(11)

tblExperience
- id bigint(20) unsigned
- idk varchar(30)
- user bigint(20) unsigned
- experience float unsigned
- datum bigint(20)
- confirmed int(11)
- details text

tblMarketDates
- id bigint(20) unsigned
- market bigint(20) unsigned
- datum bigint(20)
- start bigint(20) unsigned
- tijd bigint(20)

tblUserSessions
- id bigint(20)
- user bigint(20)
- start bigint(20)
- stop bigint(20)
- sessionpass varchar(128)
- active decimal(10,0)
- ip varchar(20)
- conf varchar(256)

tblGroups
- id bigint(20) unsigned
- naam varchar(150)
- website varchar(255)
- alias varchar(120)
- info text
- img varchar(255)
- admin bigint(20)
- deleted int(11)
- lastupdate bigint(20) unsigned

tblMarketSubscriptions
- id bigint(20)
- user bigint(20)
- doneby bigint(20)
- market bigint(20)
- status bigint(20)
- overruled tinyint(1)
- clickdate bigint(20)
- snap text

tblMarketTags
- id bigint(20) unsigned
- market bigint(20) unsigned
- tag varchar(100)

tblQuests
- id bigint(20) unsigned
- volgorde bigint(20)
- titel varchar(250)
- trigger text
- todos text

tblGroupUsers
- groep bigint(20) unsigned
- user bigint(20) unsigned
- invitedby bigint(20) unsigned
- useradd int(11)
- userdel int(11)
- userrights int(11)
- owaesadd int(11)
- owaesedit int(11)
- owaesdel int(11)
- owaesselect int(11)
- owaespay int(11)
- groupinfo int(11)
- confirmed int(2)

Database tables

Going through all tables with little descriptions about the function of each table.

tblAbuse

tblAbuse

- 🔑 **id** bigint(20) unsigned
- **created** bigint(20) unsigned
- **reason** varchar(50)
- **reporter** bigint(20) unsigned
- **user** bigint(20)
- **market** bigint(20)
- **data** text

user: User ID if another user has been reported
market: Market ID if a market has been reported
data: Optional text.

Storing all abuses from people about misuses of the platform. Like reporting user profiles and markets (proposals).

tblActions

tblActions

- 🔑 **id** bigint(20)
- **user** bigint(20)
- **created** bigint(20)
- **tododate** bigint(20)
- **completed** bigint(20)
- **actie** varchar(50)
- **data** text

actie: Type of the action
data: Trigger information

Actions stores information about achievements (badges) earned by users. When you add someone as a friend for instance, you will get a badge for it.

tblBadges

tblBadges

- 🔑 **id** bigint(20)
- **mkey** varchar(30)
- **img** varchar(30)
- **title** varchar(100)
- **info** text
- **zichtbaar** smallint(2)
- **beloning** text

mkey: Just a key
img: Image name with extension
info: Description
zichtbaar: Visibility
beloning: Reward

All badges users can earn are stored in this table.

tblCertificates

tblCertificates
- 🔑 **id** bigint(20)
- **mkey** varchar(30)
- **img** varchar(30)
- **title** varchar(100)
- **info** text

mkey: Just a key
img: Image name with extension
info: Description

It's similar to "tblBadges", this contains all certificates.

tblConversations

tblConversations
- 🔑 **id** bigint(20)
- **sender** bigint(20)
- **receiver** bigint(20)
- **subject** text
- **market** bigint(20)
- **message** text
- **sentdate** bigint(20)
- **readdate** bigint(20)
- **isread** int(11)
- **data** text

market: Market ID if a user sends a message to an offer
message: Content of the message
isread: Status
data: It's when someone is reported

All conversations between users and messages sent to offers are stored in this table.

tblExperience

tblExperience
- 🔑 **id** bigint(20) unsigned
- **idk** varchar(30)
- **user** bigint(20) unsigned
- **experience** float unsigned
- **datum** bigint(20)
- **confirmed** int(11)
- **details** text

idk: Date
experience: Totale experience
confirmed: Status
details: Experience gain detail

The history of experiences won and lost by users. When you are an active member you get experience and eventually level up. You unlock features by leveling. Like being able to create a renting offer.

tblFeedback

tblFeedback

- 🔑 **id** bigint(20) unsigned
- **transaction** bigint(20) unsigned
- **from** bigint(20)
- **to** bigint(20)
- **stars** int(11)
- **public** text
- **private** text

stars: Rating (1 to 5)
public: Message
private: Message

Feedbacks from users to users with ratings. You can give ratings if the rent went well or not.

tblFollowers

tblFollowers

- 🔑 **user** bigint(20) unsigned
- 🔑 **followed** bigint(20) unsigned
- **startdate** bigint(20) unsigned

All followers.

tblFriends

tblFriends

- 🔑 **user** bigint(20) unsigned
- 🔑 **friend** bigint(20) unsigned
- **datum** bigint(20) unsigned
- **confirmed** int(2)

confirmed: Status pending request or confirmed

Friend list of all users and even pending invitations.

tblGroups

tblGroups	
🔑 **id** bigint(20) unsigned	
naam varchar(150)	
website varchar(255)	
alias varchar(120)	
info text	
img varchar(255)	
admin bigint(20)	
deleted int(11)	
lastupdate bigint(20) unsigned	

info: Description
img: Image name with extension
deleted: Flag because we never delete, we hide

List of groups. When a user has reached a certain level. The user can create a group. Like an organization who wants to participate to the project.

tblGroupUsers

tblGroupUsers	
🔑 **groep** bigint(20) unsigned	
🔑 **user** bigint(20) unsigned	
invitedby bigint(20) unsigned	
useradd int(11)	
userdel int(11)	
userrights int(11)	
owaesadd int(11)	
owaesedit int(11)	
owaesdel int(11)	
owaesselect int(11)	
owaespay int(11)	
groupinfo int(11)	
confirmed int(2)	

useradd, userdel, userrights, owaesadd, owaesedit, owaesdel, owaesselect, owaespay: Are possible permissions for members of the group
confirmed: Status pending invitations

All members of groups. Members have permissions in groups. Like being able to invite users in the group. Or creating offers in the name of the group.

tblIndicators

tblIndicators
- 🔑 **id** bigint(20)
- **user** bigint(20)
- **datum** bigint(20)
- **physical** int(11)
- **mental** int(11)
- **emotional** int(11)
- **social** int(11)
- **reason** int(11)
- **link** bigint(11)
- **actief** tinyint(4)
- **tmp** text

physical, mental, emotional, social: Won/Lost points

reason: Linked to constansts in *class.crons.php*

link: Market ID

actief: Subscribe/Unsubscribe

tmp: JSON format debugging (Will be removed)

Users current- and past indicators. Every user has four indicators: physical, mental, emotional and social. Users gain experience in any of the indicators by participating to offers. But every day you lose a percent. When one or more indicators are too low you will be notified with an automatic message from the system.

tblLog

tblLog
- 🔑 **id** bigint(20) unsigned
- **user** bigint(20) unsigned
- **datum** bigint(20) unsigned
- **info** text
- **data** text

info: Short description

data: JSON object of what really happened

The system monitors every action happened and happening on the website. Everything is logged in this table. When a new user has been created. Or when a user creates an offer. The system will log the action.

tblMarket

tblMarket	
🔑 **id** bigint(20)	
author bigint(20)	
groep bigint(20) unsigned	
createdby bigint(20)	
mtype int(11)	
title varchar(125)	
body text	
date bigint(20)	
lastupdate bigint(20) unsigned	
img varchar(255)	
location varchar(255)	
location_lat double	
location_long double	
timingtype varchar(10)	
timing bigint(20)	
credits bigint(20)	
details text	
keyid varchar(256)	
physical bigint(20)	
mental bigint(20)	
emotional bigint(20)	
social bigint(20)	
state tinyint(1)	
deleted tinyint(1)	

mtype: MarketType ID
body: Description
img: Image name with extension
location: Address
timingtype: Not used anymore (Will be removed)
timing: Duration
details: Insurances
keyid: Never used might never been used (Friendly URL)
physical, mental, emotional, social: Indicators a user can earn
state: Linked to constansts in *class.owaes.item.php*
delete: Flag because we never delete, we hide

All proposals done on the website. There are currently three types of "markets". Those are discussed later in "tblMarketTypes".

tblMarketDates

tblMarketDates	
🔑 **id** bigint(20) unsigned	
market bigint(20) unsigned	
datum bigint(20)	
start bigint(20) unsigned	
tijd bigint(20)	

start: Hours in minutes
tijd: Duration in minutes

Information about when and the duration of markets. For instance a user creates a job offer for February 20th at 2pm and the job will be approximately two hours long.

tblMarketSubscription

tblMarketSubscriptions

🔑 **id** bigint(20)
user bigint(20)
doneby bigint(20)
market bigint(20)
status bigint(20)
overruled tinyint(1)
clickdate bigint(20)
snap text

status: Linked to constants in *class.subscription.php*
overruled: If someone else modifies the subscriptions
snap: JSON object of market

All users registered to a proposal.

tblMarketTags

tblMarketTags

🔑 **id** bigint(20) unsigned
market bigint(20) unsigned
tag varchar(100)

All tags given to proposals. When you make a proposal about something you can make tags to make it easier to find.

tblMarketTypes

tblMarketTypes

🔑 **id** bigint(20) unsigned
key varchar(10)
title varchar(250)
direction int(5)
volgorde int(1)

key: Name
direction: Costs – or generates credits
volgorde: Order

All different types of proposals. There are currently three types: werkerveraring (job experiences), opleidingen (courses) and delen (equipment rental).

tblNotifications

tblNotifications	
🔑 **id**	bigint(20) unsigned
sleutel	varchar(30)
readdate	bigint(20)
message	varchar(300)
link	varchar(150)
author	bigint(20) unsigned
receiver	bigint(20) unsigned
datum	bigint(20) unsigned

sleutel: Key
link: Page link

Notifications when someone sends you a friend request. System messages when one or more indicators are too low. Or other system messages like being inactive for too long.

tblPayments

tblPayments	
🔑 **id**	bigint(20) unsigned
datum	bigint(20)
initiator	bigint(20) unsigned
sender	bigint(20)
receiver	bigint(20)
credits	bigint(20) unsigned
reason	bigint(20)
link	bigint(20)
market	bigint(20) unsigned
actief	int(11)

reason: Linked to constants in *class.crons.php*
link: Not used
actief: Delete flag

Payments made between users or payments from terminated offers.

tblQuests

tblQuests	
🔑 **id**	bigint(20) unsigned
volgorde	bigint(20)
titel	varchar(250)
trigger	text
todos	text

volgorde: Order
trigger: Conditions to succeed the quest
todos: How to succeed the quest

Users can participate to quests to gain experience.

tblStars

tblStars	
🔑 **id** bigint(20) unsigned	
datum bigint(20)	
receiver bigint(20)	
sender bigint(20)	
market bigint(20)	
stars int(11)	
comment text	
actief int(11)	

stars: Rating (1 to 5)
actief: Delete flag

Stars are feedbacks given by users to markets. After taking a course for instance you can give feedback about it.

tblUserBadges

tblUserBadges
🔑 **id** bigint(20)
user bigint(20)
badge bigint(20)
date bigint(20)

Badges acquired by users.

tblUserCertificates

tblUserCertificates
🔑 **id** bigint(20)
user bigint(20)
certificate bigint(20)
date bigint(20)

Certificates owned by users.

tblUsers

tblUsers	
🔑 **id** bigint(20)	
alias varchar(32)	
login varchar(125)	
pass varchar(256)	
firstname varchar(125)	
lastname varchar(125)	
mail varchar(125)	
description text	
img varchar(128)	
gender varchar(10)	
birthdate double	
telephone varchar(30)	
physical bigint(20)	
mental bigint(20)	
emotional bigint(20)	
social bigint(20)	
visible tinyint(4)	
lastupdate bigint(20)	
admin int(11)	
status int(11)	
statusinfo text	
statusdate bigint(20) unsigned	
bestanden text	
location text	
location_lat double	
location_long double	
showfirstname int(2)	
showlastname int(2)	
showemail int(2)	
showdescription int(2)	
showimg int(2)	
showlocation int(2)	
showbirthdate int(2)	
showgender int(2)	
showtelephone int(2)	
data text	
deleted bit(1)	
actief int(2)	
demo int(11)	
algemenevoorwaarden smallint(12)	

img: Image with extension

visible: Public/private profile. Linked to constants in *class.user.php*

status: Seems to be always 4

statusinfo: JSON object

bestanden: Array of uploaded files

location: Address

data: Social media links

deleted: Flag because we never delete, we hide

actief: Status if someone is frozen

algemenevoorwaarden: Impossible to participate without having the contract signed.

User profiles.

tblUserSessions

The system logs all user sessions. When a user logs in, it will store the time the user logged in and indicates when a user is still logged in or not. Logging off will update the record for that user and write the time the user logged off. It will also store the IP address and configurations. Like used browser and operating system.

Use case diagram
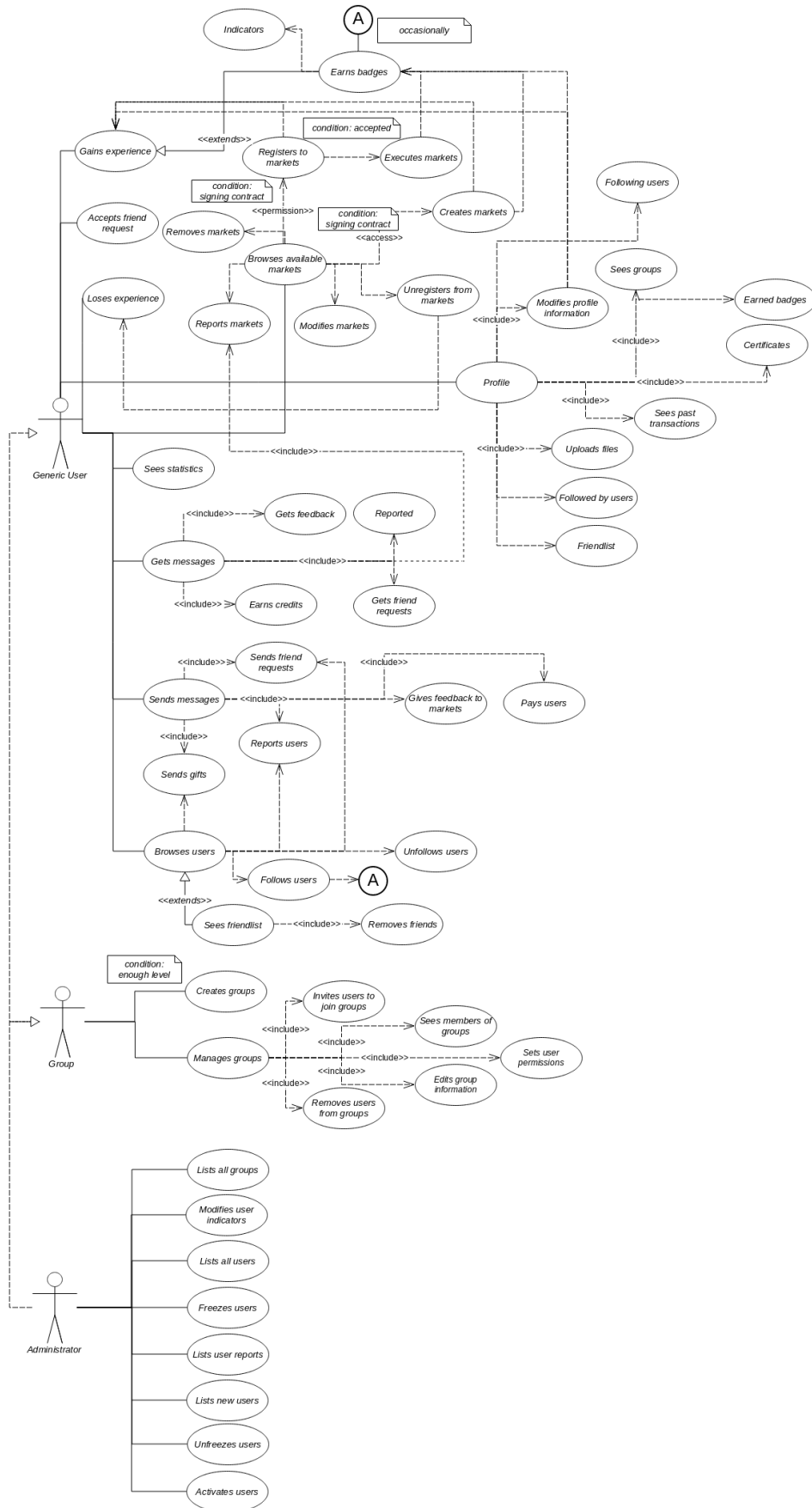
Generic user

Profile information changes (class.user.php, profile.php, [userprofile.html, userprofile.activities.html, userprofile.friend.html, userprofile.payments.html, modal.changepass.html])

Gifts send to people (class.user.php, class.payment.php, [donate.php, modal.schenking.php, owaes-transactie.ajax.php, modal.schenking.html])

Registrations to markets (class.subscription.php, class.owaes.item.php [modal.subscribe.php])

Gives feedback to markets (owaes.php, rate.php, [modal.feedback.html, modal.feedback.php])

Earning money from markets (class.subscription.php, class.payment.php, class.owaes.item.php)

Sends messages (class.conversation.php)

Creates markets (class.owaes.item.php, owaesadd.php, tags.php)

Removes markets (class.owaes.item.php, owaes-selecteer.php, [modal.deleteitem.php, modal.deleteitem.html])

Modifies markets (class.owaes.item.php, owaesadd.php, owaes-selecteer.php)

Gets feedback (class.inbox.php, class.conversation.php)

Gets messages (class.inbox.php, class.conversation.php, [class.notification.php])

Gains experience (class.experience.php, class.crons.php, [modal.experience.php, modal.experience.html, modal.nextlevel.html])

Browses available markets (class.owaes.list.php, index.php, owaeskort.html, owaes-selecteer.php)

Browses users (class.userlist.php, users.php)

Gets friend requests (class.user.php, class.notification.php)

Sends friend requests (class.user.php, class.notification.php, class.log.php, addfriend.php)

Accepts friend request (class.user.php, addfriend.php)

Remove friends (class.user.php, addfriend.php)

Followed (class.user.php)

Following (class.user.php, follow.php)

Unregisters from markets (class.subscribe.php, owaes-selecteer.php)

Pays (class.owaes.item.php, class.payment.php)

Earns credits (class.owaes.item.php, class.payment.php)

Reports markets (class.owaes.item.php, [modal.report.php, modal.report.html], class.conversation.php)

Reports users (class.user.php, [modal.report.php, modal.report.html], class.conversation.php)

Accepts invitation to group (group.invitationresponse.ajax.php)

Unfollows (class.user.php, follow.php)

Spends credits (class.owaes.item.php, class.payment.php)

Earns badges (class.user.php, class.badge.php, badgesfromlist.html)

Uploades files (class.user.php, settings.php)

Sees past transactions (class.payment.list.php userprofile.payments.html, transaction.html)

Sees entered groups (class.grouplist.php, groupshort.html, profile.php, [userprofile.html])

Sees friendlist (class.user.php, friends.php, userfromlist.html)

Sees statistics (class.user.php, main.php, class.experience.php)

Group
Creating groups (class.group.php, admin.groepen.php)

Sets user permissions (class.group.php, admin.groepusers.php, admin.groepusers.change.php)

Adding users to groups (class.group.php, admin.groepusers.php, group.useradd.php, class.notification.php)

Group overview (class.group.php, group.php, group.html, group.members.html)

Edits group information (class.group.php, admin.groepusers.php, group.php, group.html)

Removes members from groups (class.group.php, admin.groepusers.php)

Sees members of a group (class.grouplist.php, class.userlist.php, group.members.html)

Administrator
Removes groups (class.grouplist.php, class.group.php, admin.groepen.php)

Modifies user indicators (admin.user.php)

Sees user statistics (admin.user.php)

Lists users (class.userlist.php, admin.php)

Lists groups (class.grouplist.php, admin.groepen.php)

Lists frozen users (class.userlist.php, admin.users.php, admin.blocked.php)

Freezes users (freeze.php)

Unfreezes users (freeze.php)

Lists user reports (class.reports.php, meldingen.php)

Activates users (admin.algemenevoorwaarden.php, admin.notsigned.php, algemenewoorwaarden.html)

Lists new users (admin.notsigned.php, class.userlist.php, class.user.php)

Data access code

Class.inbox.php

This class should be replaced by class.messages. But it's still in use in class.page and conversations.php. It's connected to tblConversations it manages read and unread messages.

Class.log.php

Writing and updating logs into the database (tblLog).

Class.payment.php

Making payment transactions possible from users to user, market to users and users to market. Everything is stored in table tblPayments.

Class.database.php

Required credentials to connect and interact with the database using PDO driver (PHP Data Object) for MySQL.

Class.badge.php

Getting all badges from tblBadges.

Class.security.php

Managing all sessions and user permissions. Some pages or features are not available for all users. So this class will ensure that only the right users have access to those pages. Related with tblUserSessions and tblUsers.

Class.payment.list.php

Retrieving all payments from a sender, receiver or market from tblPayments.

Class.userlist.php

Loading all users from tblUsers. Getting all users from a group. Filtering users like getting only users who set their profile to visible. Filters a list of friends (tblFriends), followed (tblFollowers), followers (tblFollowers), admin, frozen and algemenevoorwaarden.

Class.owaestype.php

Contains different types of proposals. There is no connection with any table nor database. Different types are hardcoded. There is a table (tblMarketTypes) who has all types defined. But the reason is to avoid overloading because those types will never change. So why making a call to the database for only three items.

Class.notification.php

Notifications about anything like friend requests, having a new follower or earning credits. Using tblNotifications.

Class.subscription.php

Loading, inserting and updating market subscriptions interacting with tblMarketSubscriptions and tblIndicators. TblIndicators is used because you earn experience by finishing a proposal.

Class.subscriptions.php

List of subscriptions to a market from tblMarketSubscriptions. Filters a list of subscriptions on market, user and state.

Class.owaes.item.php

Everything related to proposals.

Insert, update or delete tags used to a proposal. Load marketTags from a market and load marketDates from a market. User rights on proposals. Returns a list of subscriptions based on the state. Counts subscriptions. Creating, editing and removing proposals. Queries for tblMarket, tblMarketTags and tblMarketDates.

Class.page.php

Loading external script - and css files. Which also means if a user has more access it will also add extra scripts.

Class.rating.php

Loading ratings from a market. Insert and update ratings. You can rate the person who took and executed the offer by giving stars. (tblStars)

Class.conversation.php

Get all messages from a user. Insert and update a conversation. (tblConversations)

Class.experience.php

Users can gain experience by being active on the platform. And by participating to offers and making offers. Calculations and everything else about experience are described in it. (tblExperience)

Class.actions.php

Creating, editing, deleting and showing actions (tblActions). Actions are events like earning a badge, making a transaction and giving a feedback.

Class.openid.php

Library for using your eID card to connect into the website.

Class.user.php

User profile. What the user uploaded, alias, user information, friends, followers, …
Related to tblUsers, tblPayments, tblMarket, tblMarketSubscriptions, tblFollowers, tblFriends, tblIndicators, tblUserBadges, tblBadges, tblUserCertificates and tblStars.

Class.template.php

HTML parser for custom HTML tags from templates folder.

Class.grouplist.php

List of all groups or filtered groups. (tblGroupUsers, tblGroups)

Class.crons.php

It's a kind of background worker. It's a timer who checks things on a regular basis. For example every 30 minutes it will check the indicators for changes. (tblIndicators, tblUsers)

Class.group.php

Alle group members and the permissions those members have inside their group.

Create ,update, delete groups. (tblUserGroups, tblGroups)

Class.owaes.list.php

All filters to get the most interesting proposal first. Like calculating proposals near your location.

Filtering proposals with subscriptions. (tblMarketSubscriptions, tblPayments, tblStars, tblMarket, tblMarketTypes, tblMarketTags, tblMarketDates)

Class.reports.php

When you mark someone or a proposal as abuse. Everything will be stored in the database (tblAbuse) with this class.

Class.email.php

Writing and sending emails. They aren't stored in the database.