Database Tables with Fields List for Open Judge

1. Admin
   a) admin_id
   b) admin_user
   c) admin_pass
   d) admin_name
   e) admin_email
   f) admin_phone
2. Judge
   a) judge_id
   b) judge_user
   c) judge_pass
   d) judge_name
   e) judge_email
   f) judge_phone
3. user
   a) user_id
   b) user_handle
   c) user_pass
   d) user_name
   e) user_email
   f) user_phone
   g) user_type (team (0) / individual (1))
4. problem
   a) problem_id
   b) problem_name
   c) problem_level (1-7)
   d) problem_time_limit
   e) problem_memory_limit
   f) problem_input_channel
   g) problem_output_channel
   h) problem_description
   i) problem_input
   j) problem_output
   k) problem_sample_input
   l) problem_sample_output
   m) problem_image

n) problem_add_date
o) problem_judge_input
p) problem_judge_output
q) problem_io_type (0: database, 1: file storage)
r) problem_setter
s) problem_status (0: unused, 1: on running contest)
t) problem_special_judge (0: no, 1: yes)
5. contest
a) contest_id
b) contest_name
c) contest_type (selective-0 / private-1 / public-2)
d) contest_pass
e) contest_start
f) contest_end
g) contest_status (-1, 0(all_updated), 1(needs_to_be_updated), 2(contest_ended)
6. submissions
a) submission_id
b) problem_id ==>
c) user_id ==>
d) contest_id ==>
e) submission_source_code
f) submission_type (private-0 / public-1)
g) submission_time
h) submission_status (Processed (0), In Queue (1),
i) submission_result ()
7. rank
a) rank_id
b) contest_id ==>
c) user_id ==>
d) rank_details (4, 00:47, 127, NA, NA, 0, NA, NA, 0)
e) rank_solved
f) rank_penalty
g) rank_disqualified (1 if disqualified, NULL if not)
8. clarification
a) clarification_id
b) clarification_question
c) clarification_reply
d) contest_id

e) problem_id

f) user_id

g) judge_id

h) clarification_status (0: replied, 1: answered, 2: ignored)

9. category

a) category_id

b) category_name

10.   language

a) language_id

b) language_name

11.   bulk_user_package

a) bulk_user_package_id

b) bulk_user_package_name