



Escalon R&D Team  
PHP Recruitment Test

Hello applicant,

For your entry test you're expected to create a simple registration form for a fictive personal agency. This web based application will have 2 different interfaces: admin section and user section (see description below).

You're requested to use the first two letters of your first and last name as a prefix for DB tables (etc. applicant Joe Doe would have prefix jodo).

- 1) You're required to use web technologies PHP/MySQL/XHTML1.0/CSS/JS with basic CSS graphics.
- 2) As a part of this test you're required to provide a timeline schedule in a separate file (doc, pdf), structured into development phases with description and time spent on each phase.
- 3) The form must be properly validated so that nobody can save wrong data (even if JS is switched off).
- 4) The graphic design or layout is not a part of evaluation.
- 5) The main stress will be placed on: code logic/structure/cleanliness, SQL queries, file structure, timeline report and API usage.
- 6) In PHP create your own simple SQL class (and use it throughout the project) which will handle following: ◦ connecting to the database ◦ executing any SQL query and returning data if necessary ◦ any other methods that you find helpful for your project

## INTERFACES

1. **Admin section** – password protected (login: escalon password: escalon) • after login admin will see list of all submitted forms with links to open a detail • the detail will show all entered info (refer to User Section) • total score (from evaluations) per category + google map with location geocoded from his address

2. **User section** – public accessible page with form • user fills personal info (first name, last name, street, city, zip, state, phone, e-mail) • as a part of the form will be list of skills structured into categories (dynamically pulled from a two related DB tables with proper relationships): ◦ table for skills ◦ table for categories • every skill (listed below) will be assigned only to one of the categories listed below • user will select category first and list of applicable skills with evaluation box per each of the skills will appear • user will evaluate each of his skills with a mark from 1 – 5 (mandatory) • user can evaluate at least one skill category (the interface should provide the functionality of evaluating – and saving – all the categories at once) • after submitting a confirmation e-mail will be sent to the user and all the data will be saved into the database



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Skill category	Skills
Scripting languages	PHP; JavaScript; Ruby; ASP; Perl
Other languages	C; C++; Java; Delphi
Databases	MySQL; MSSQL; Oracle; PostgreSQL
Personal skills	Communication; Leadership; Diligence