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Work Package 6

Deliverable 6.3

[CAMEO MATCHING DATABASE USER GUIDE]

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1. Introduction

Background Information: CaMEO Matching Database was created as one of the project deliverables for project target group to connect older ICT workers and employers. To make platform users comfortable with the Matching Database, the CaMEO matching Database user guide was created.

CaMEO Matching Database user guide was prepared for the purpose to introduce the database users with the main and more useful functions of the database as well as to help them to get a first access to it.

Main Objective: To present the CaMEO Matching Database and its functionality to platform users.

Structure: The User Guide contains three main chapters: Introduction of the Specific Deliverable, Presentation and Functionality.



2. Objective of the Specific Deliverable

The CaMEO matching Database user guide provides information to make the use of database easy. The user guide introduces the user with the main functions of the database and helps to get familiar with some of the main actions.

The CaMEO Matching database user guide involves the steps, which are needed to get the first access to the CaMEO Matching database. Those steps explains how to register as a new user, how to login to the database or how to search on the database and create your own profile.



3. Presentation of the Functionality

3.1. Access

As an employer, you can identify skilled employees through the Matching database. You will be able to observe this data through:

1. Search page
2. RSS feed
3. Web-services

To use the search page and RSS feeds no login is required. To use web-services, contact database owners to arrange access data.

3.2. Search page

The Matching database search page is accessible as any other regular website. Address: <http://database.c-ameo.eu>

The left side of the Matching database webpage contains search criteria and the right side is for search results (Figure 1).

To identify workers with the qualifications you are looking for, first select the relevant job title(s). Then select the knowledge, level and competence levels and any further information, such as whether they are able to travel.

Then click "search".

This will reveal a list of profiles which are matched to the criteria you have selected.

The screenshot shows the 'Matching database' search page. At the top, there are logos for CaMEO and the Lifelong Learning Programme. The page has a teal header with 'Search' and 'Login' buttons. The main content area is divided into a search criteria section on the left and search results on the right.

Search Criteria Section:

- Full text search: [input field]
- Jobs: 0 items selected. [Remove all] [Add all]. List: Developer, Account manager, Project manager, Business Analyst, Service Desk Agent, Systems Analyst.
- Knowledge level: from 1 to 8
- Skill level: from 1 to 8
- Competency level: from 1 to 8
- Id found in rss: [input field]
- Country: [dropdown menu]
- Name: [input field]
- Surname: [input field]
- Able to travel within my country:
- Able to work remotely:
- Able to travel abroad for period of: [dropdown menu]
- Show only with contact data:
- [Search button]

Search Results Section:

Displaying 1-2 of 2 results.

Profile 1:

- Name: Paulius
- Surname: T
- Jobs: Developer (K:3, S:4, C:5), Business Analyst (K:1, S:1, C:1), Service Desk Agent (K:1, S:1, C:1), Systems Analyst (K:1, S:1, C:1), Quality Assurance Manager (K:1, S:1, C:1), ICT Consultant (K:1, S:1, C:1), ICT Trainer (K:1, S:1, C:1)
- Country: Lithuania
- Contact data: my.email@mail.com
- Position on mobility: Able to travel within country, Abroad for period of: no limit, Able to work remotely

Profile 2:

- Name: Vaidas
- Surname: [blank]
- Jobs: Account manager (K:1, S:1, C:1), Project manager (K:2, S:3, C:4)
- Country: [blank]
- Contact data: vaidas.astrovas@beti.lt
- Position on mobility: [blank]



Figure 1 Search page

Every search result item contains the "More..." link where full information about the item is located (Figure 2)

[Back to search](#)

User Info

Firstname: Vaidas
 Lastname:
 Country:
 Phone Number:
 E-Mail: vaidas.astrovas@beti.lt

User Jobs

Account manager

In my opinion my qualification for this job profile according EQF is:

Knowledge [?]	Skill [?]	Competence [?]
Level 1 ▼	Level 1 ▼	Level 1 ▼

Note
 Additional information comes here.

How I fulfill description of this job profile +

Project manager

In my opinion my qualification for this job profile according EQF is:

Knowledge [?]	Skill [?]	Competence [?]
Level 2 ▼	Level 3 ▼	Level 4 ▼

How I fulfill description of this job profile +

Figure 2 Full person information, accessible through More... link

3.3. RSS feed

The Matching database has functionality to provide RSS feeds. Address: <http://database.c-ameo.eu/index.php?r=qualification/rss> . RSS feed contains de-personalized data with the most important part of information. For more information about a particular person, the Matching database search page should be used. De-personalized RSS data contains ID. ID can be used to find more information about the person using the search page (search criteria "ID found in RSS").

Example of RSS feed:

 **CaMEO Matching Database RSS Feed**
 Subscribe to this feed using: Bloglines ▼ Subscribe Now
 Always use this reader to subscribe to feeds.

[\[Feed \]](#)

Person ID: 15
 Developer(K:4, S:4, C:5), Business Analyst(K:1, S:1, C:1), Service Desk Agent(K:1, S:1, C:1), Systems Analyst(K:1, S:1, C:1), Quality Assurance Manager(K:1, S:1, C:1), ICT Consultant(K:1, S:1, C:1), ICT Trainer(K:1, S:1, C:1) Current position on mobility: Able to travel within country Abroad for period of: no limit

Person ID: 18
 Account manager(K:1, S:1, C:1), Project manager(K:3, S:3, C:4) Current position on mobility:

Figure 3 RSS feed example



3.4. Web-service

In this chapter we provide information how to integrate "Matching" database into external systems using web-services.

Data can be obtained from a web service. Web service returns data using SOAP protocol.

```
$client = new SoapClient('<cameo www>/index.php?r=service/results');
```

Web service has one function "getDataFromDB". This function returns json formatted data. Using "json_decode" function on returned data it is converted to PHP array.

```
$data = json_decode($client->getDataFromDB("", "", 1, 8, 1, 8, 1, 8, "", "", "", -1, -1, -1, 1), true);
```

Function getDataFromDB parameters in exact sequence:

1. Full text search. Anything you want to search
2. Qualification profile title
3. Knowledge level start value
4. Knowledge level end value
5. Skill level start value
6. Skill level end value
7. Competence level start value
8. Competence level end value
9. User first name
10. User last name
11. Country name
12. Able to travel within own country
 - o -1 – Any
 - o 0 – No
 - o 1 – Yes
13. Able to work remotely
 - o -1 – Any
 - o 0 – No
 - o 1 – Yes
14. Able to travel abroad for period of
 - o -1 – Any
 - o 1 – 1-6 months
 - o 2 – 1-3 years
 - o 3 – No limit
15. Show only with contact data:
 - o 0 – No
 - o 1 – Yes

Returned data example:

```
array (size=2)
  0 =>
    array (size=8)
      'firstname' => string 'Paulius' (length=7)
      'lastname' => string 'Tatarūnas' (length=10)
      'qualifications' => string 'Account manager (K:5, S:5, C:3),</br>Quality Assurance Manager (K:1, S:1, C:1)' (length=78)
      'country' => string 'Lithuania' (length=9)
      'phone_number' => string '+370 123 12345' (length=14)
      'mail' => string 'p.tatarunas@gmail.com' (length=21)
      'mobility' => string 'Able to travel within country </br>Able to work remotely </br>Abroad for period of: 1-3 years<br/>' (length=98)
```



```
'references' => string 'http://linked.in<br/>' (length=21)
1 =>
  array (size=8)
    'firstname' => string 'Name' (length=4)
    'lastname' => string 'Surname' (length=7)
    'qualifications' => string 'Developer (K:2, S:5, C:1),</br>Test
Specialist (K:1, S:1, C:1),</br>Quality Assurance Manager (K:4, S:5,
C:3)' (length=109)
    'country' => string 'Lithuania' (length=9)
    'phone_number' => string '+37012312345' (length=12)
    'mail' => string 'vaidas.astrovas@beti.lt' (length=23)
    'mobility' => string 'Able to travel within country </br>Able
to work remotely </br>Abroad for period of: no limit<br/>'
(length=97)
    'references' => string
'http://lt.linkedin.com/in/vaidasa<br/>www.mypage.com<br/>'
(length=57)
```

