

## WP 3

### Development of the Labour Market Observatory in Vietnam

#### Outcome 3.1

#### Analysis of the data from WP2

As part of the activities under the WP 3 (Development of the Labour Market Observatory in Vietnam) Outcome 3.1 (Analysis of the data from WP2) the following form is requested to be filled in for each of the professional figures surveyed and described with WP 2.

The form is divided into two sections:

In section 1 the description of the professional figure as it was described in the final report should be entered, breaking down the description according to the specific entries in the form. The texts to be entered in this section are those which will be visible on the website.

In section 2, the specific information associated with the professional figure described in section 1 should be entered, which will be used to select/display it according to the filters entered on the website by users.

SECTION 1
<b>Name of the professional figure</b>
<i>Indicate the name of the professional figure according to the name used in the publication (this will be the name that will appear in the list of professional figures that meet the filters entered by website users).</i>
<b>Where it works</b>
<i>List the different ways of calling the professional figure. Indicate where it works within the company (in which functional area) and, if applicable, in what type of company (if it is mainly in companies that carry out particular/specific activities within the sector). Indicate under whose direction/supervision it works (if it is a managerial figure, indicate those with whom it works most closely) and who carries out its duties if it is not present in the company.</i>
<b>The activities</b>
<b>Qualifications</b>
<i>Indicate the required educational qualifications. It is possible to enter a more general/wider version of the required educational qualifications (as a basis, you can use the educational qualifications as they were indicated by the interviewed entrepreneurs).</i>
<b>Technical skills</b>
<b>Computer and linguistic knowledge</b>

<b>Personality and availability</b>
<b>Notes</b>
<i>Insert any notes about the professional figure that do not fall under the previous headings. For example the different specialisations into which it can be divided and/or particular situations that can be observed in more or less structured companies.</i>
<b>SECTION 2</b>
<b>Economic sector</b>
<p><i>Indicate the economic sector in which the professional figure was detected:</i></p> <ul style="list-style-type: none"> <li>• ICT.</li> <li>• Agri-food.</li> <li>• Tourism (Hotels).</li> <li>• Tourism (Travel Agencies).</li> </ul>
<b>Seniority level</b>
<p><i>Indicate whether this is a position that:</i></p> <ul style="list-style-type: none"> <li>• can also be filled by a recent graduate (Basic level);</li> <li>• requires experience (Advanced level).</li> </ul>
<b>Academic qualification - I level</b>
<i>Indicate the macro-fields of study required to cover the professional figure. See NOTE.</i>
<b>Academic qualification - II level</b>
<i>For each macro- fields indicated above, specify the intermediate fields of study required to cover the professional figure. See NOTE.</i>
<b>Academic qualification - III level</b>
<i>For each macro- fields and for each intermediate fields indicated above, specify the courses of study required to cover the professional figure. See NOTE.</i>

NOTE: On the website, the filter by academic qualification can be structured on several levels (maximum three). Each university will be free to decide whether to structure it on one, two or three levels. The classification used (on one, two or three levels) must be the official/institutional one adopted by the university that carried out the survey.

If it is decided to use three levels, the first will contain the macro-fields of study required to cover the professional figure, the second will contain the specific intermediate fields of study and the third the courses of study.

If it is decided to use two levels, the first will contain the macro-fields of study required for the professional figure and the second will contain the specific courses of study.

If it is decided to use only one level, this will contain the courses of study required to cover the professional figure.



## EXAMPLE

<b>SECTION 1</b>
<b>Name of the professional figure</b>
Tester
<b>Where they work</b>
<p>The Tester (Product Testing Specialist, Testing Specialist, Testing Specialist) is included in the Technical Area and, specifically, in the Development Department of IT companies that deal with software development.</p> <p>He works under the directives and supervision of the Technical Manager, the Development Manager, if present, and the Project Manager.</p> <p>In the companies where this figure is not present, the same tasks can be carried out directly by the Developer or the Analyst.</p>
<b>The activities</b>
<p>The Tester carries out specific tests on the software developed in the company in order to verify that it correctly performs the functions for which it was created. It is, therefore, the professional figure who verifies the quality of the application procedures, ensuring that the solutions meet the technical and user requirements. In particular, starting from the specifications provided by the Analyst and the Developer, he takes care of the definition of the testing plan, therefore, of their preparation and practical execution. He/she also deals with the drafting of documents relating to testing results, highlighting anomalies and eventually providing possible solutions.</p> <p>The Tester works in close collaboration with all the other figures working in the Technical Area and, in particular, with the Analyst and the Developer to define the test plan and to evaluate the results.</p>
<b>Qualifications</b>
<p>This figure is usually covered by graduates in Computer Science or Computer Engineering, but also by graduates in Electronic Engineering, Information Engineering, Telecommunications Engineering, Mathematics, Physics, Statistics and, more generally, in scientific degree courses. These are graduates both first-cycle and second-cycle degrees, in this sense companies do not make a big distinction between the two levels of studies, however, generally a second-cycle allows a greater professional growth. Often, however, this figure is also covered by graduates from professional institutes or technical high schools with a focus on computer science, telecommunications and electronics.</p>
<b>Technical skills</b>
<p>The Tester must have excellent knowledge of software testing and of testing methodologies and processes, as well as theories, concepts and terminology of testing. He/she must know the test and testing environments (hardware and software), then he must know how to use testing management tools, testing automation and performance testing (installation, configuration and maintenance of the test and testing platform). He/she must know the procedures for the registration of defects and for the management of the error resolution process. They must also have knowledge of testing planning and design. Clearly, he must have perfect knowledge of the products realized by the company and of the production process. Finally, it is an added value to know one or more of the programming languages used in the company.</p>
<b>Computer and linguistic knowledge</b>
<p>This figure requires computer skills as an expert user if not as a programmer, as well as knowledge of the English language.</p>



<b>Personality and availability</b>
Complete and characterize this figure the ability to organize their work, teamwork, problem solving and writing reports. He/she must, clearly, be a very precise person, with an analytical mentality, but still flexible mentally. It is, moreover, fundamental that he/she is a person inclined to innovation and, given the speed with which the sector evolves, inclined to updating and continuous training.
<b>Notes</b>
In the most structured companies it is also possible to find the figure of the Test Manager who, in addition to managing and coordinating the activity of the Testers, takes care of the definition of the testing plan, the definition of the tools to support them and, if necessary, the preparation and execution of tests on particularly complex applications. In these cases the Tester deals exclusively with the preparation and execution of the tests, as well as the drafting of documentation relating to the results obtained.
<b>SECTION 2</b>
<b>Economic sector</b>
ICT
<b>Seniority level</b>
Can also be filled by a recent graduate (Basic level).
<b>Academic qualification - I level</b>
School of engineering / School of science.
<b>Academic qualification - II level</b>
School of engineering: Computer engineering / Information engineering / Electronic engineering. School of science: Computer science / Mathematics / Physics / Statistics for Economics and business / Statistics for technology and science.
<b>Academic qualification - III level</b>
No.

