Curriculum Development of Master's Degree Program in Industrial Engineering for Thailand Sustainable Smart Industry -MSIE4.0

Co-funded by the Erasmus + Programme of the European Union

WP 5 - Dissemination and Exploitation of Project Results

Report for Project's Website Assessment

Project Acronym:	MSIE 4.0
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Task Title:	5.2 Creating a project website to support the dissemination strategy and communication and collaboration among partners
Task Leaders:	AIT & UPB
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REVISION SHEET

Version	Date	Author (Partner/Person)	The revision reason
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1 Executive Summary

This document presents the analysis of results collected through a questionnaire aimed to assess the quality of the MSIE 4.0 project website. The questionnaire was filled by 15 participants, representing 5 project partners and 2 other organisations. The analysis indicated that project's website had a certain quality, but also that were specific areas that can be improved.

2 Introduction

The project website includes the project description, presentations of project partners, aims, and objectives.

The website is the main interface of the online infrastructure of the project which will also include:

a) Section of news and events related to the project activities;

b) Social network (Facebook) account that helps disseminate the MSIE 4.0 project.

The website has also a password-protected area for use by project partners for internal communication, along with confidential project information.

The main project website also functions both as a promotional tool for project dissemination and as a channel for internal project communication. It was developed and maintained by P1 (AIT) with the consultation from P7 (UPB) and the provision of materials from all other partners.

P1 (AIT) is in charge of the regular website updating, preparation of regular newsletters that provide information to the consortium members as well as to the wider community in such a way that the project website is not only useful for academic and research community but for businesses and society as well. After each Project Executive Committee meeting, the project coordinator is responsible for uploading the activity report onto the project website.

In order to ensure a proper quality for the MSIE 4.0 project's website, an assessment questionnaire was designed by partners P1 (AIT) and P7 (UPB) and improved using the input from project partners.

3 The Assessment Questionnaire Structure

The assessment questionnaire was designed to cover all the relevant aspects of the website, but also to be brief enough to avoid respondents' boredom. The questionnaire had the following questions:

1. What is your opinion of the general user friendliness of the website?
2. What is your opinion about the quality and sufficiency of the information provided by the database?
3. Did you find the use of the website and the database useful?
4. Evaluate the ease of navigation of project's website.
5. To which extent did the use of the database and website live up to your expectations?

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6. Evaluate the website aesthetics (graphics, colors, fonts, etc.).
7. Evaluate the uniqueness of the project's website.
8. How valuable was your visit to the website for your professional growth?
9. Would you recommend visiting the website to somebody else?

The responses to the first 8 questions were recorded using a 5-point Likert scale. The last question implied 3 options for answer: Yes, No and N/A. Also, the last section of the questionnaire was dedicated to comments and recommendations.

4   Analysis of Questionnaire Results

The questionnaire was filled by 15 participants, representing:

- Asian Institute of Technology (1 participant);
- Thammasat University (1 participant);
- King Mongkut's University of Technology North Bangkok (1 participant);
- University of Minho (5 participants);
- POLITEHNICA University of Bucharest (5 participants);
- Taipei University (external) (1 participant);
- TU (external) (1 participant).

Unfortunately, 4 project partners did not respond to the questionnaire.

The statistical results are displayed in Table 1.

Table 1

Question	*Mean [max. 5]*
What is your opinion of the general user friendliness of the website?	4.27
What is your opinion about the quality and sufficiency of the information provided by the database?	3.8
Did you find the use of the website and the database useful?	3.8
Evaluate the ease of navigation of project's website.	4.33
To which extent did the use of the database and website live up to your expectations?	3.73
Evaluate the website aesthetics (graphics, colors, fonts, etc.).	3.93
Evaluate the uniqueness of the project's website.	3.67
How valuable was your visit to the website for your professional growth?	3.4

The variance of the results was between 0.21 – 0.67, which indicated that the mean expressed quite accurately the results.

The best results were obtained for the friendliness (4.27) and ease of navigation (4.33), which indicated very good ergonomic features of the website.

Good results were obtained for website aesthetics (3.93) and met expectations (3.73), which suggested a good user experience. Also good results were obtained for usefulness (3.88) and quality and sufficiency (3.88), which indicated good functional features. Also, the website uniqueness scored good (3.67).

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The perceived contribution to the professional growth was at an average level (3.4), but this was normal considering that the project was just at its beginning and valuable information and experiences will be displayed on the website in the following months.

The question "Would you recommend visiting the website to somebody else?" received 0% negative responses which was a good indicator, but only 73.33% positive responses (Fig. 1).
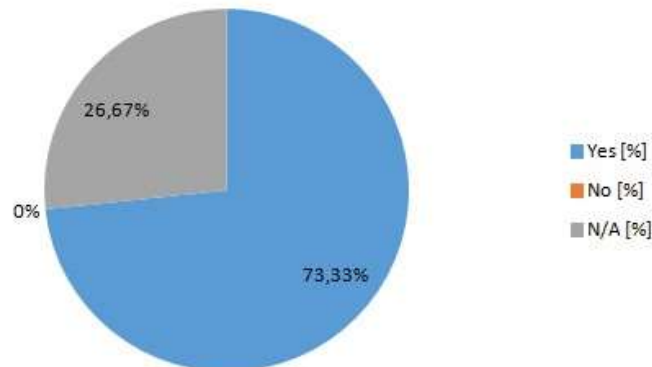

Fig. 1 – Responses to "Would you recommend visiting the website to somebody else?"

There were recorded four comments from which one was circumstantial – the participant received an error message while uploading the website. This situation was not reported before by anyone, partner or simple visitor. There were suggestions to enlarge the information base about Industry 4.0, to include relevant results obtained during the project's lifespan and to ensure more interactivity.

5 Conclusions

A questionnaire for assessment of MSIE 4.0 project's website was designed and run. 15 participants from 5 partners and 2 other organisations filled the questionnaire. The results indicated that the website possessed very good ergonomic features, offered good user experience and possessed good functional features.

The general recommendation was to include more information about Industry 4.0, to update the website with project's achievements and to ensure more interactivity.