



Deliverable D.7.3.2. Evaluation questionnaires for Workshops



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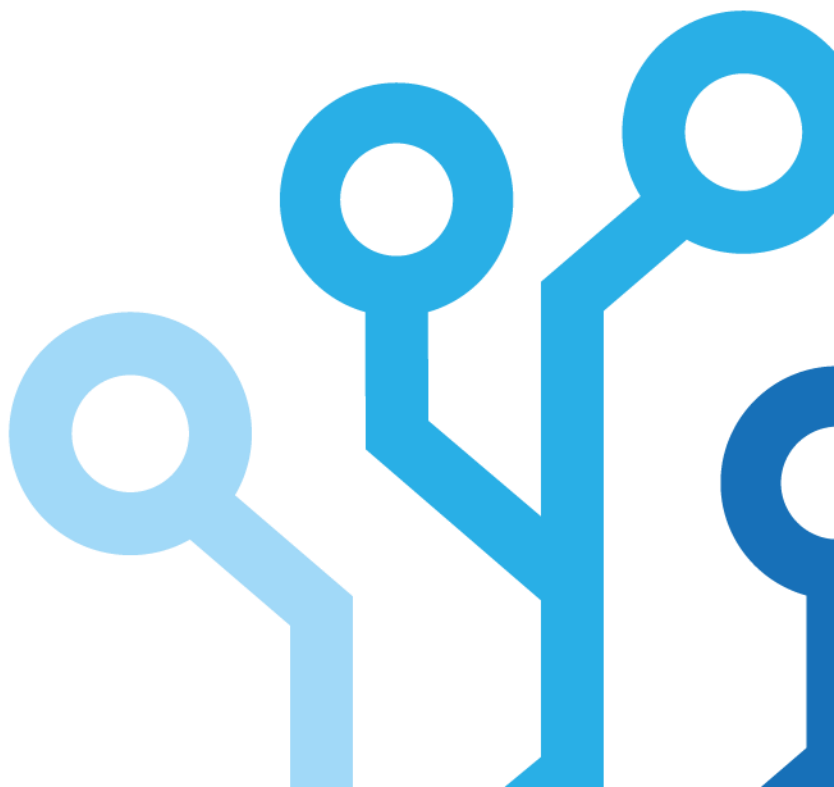


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1 Foreword

The project

ATHIKA project proposes to explore innovative approaches for technologically advanced training and support that explicitly integrates humanistic concerns, aimed at increasing the successful implementation of ICT – Internet of Things, Big Data and Artificial Intelligent Systems integrated into Decision-Support Systems, for the healthcare sector of European companies and ventures.

ATHIKA will combine training and competition activities with a set of workshops and symposiums in order to design and develop new courses on technology, innovation and the digitalization of healthcare.

Workshops on IoT, AI/DA and Health Innovation Ethics and Governance

As part of the Training courses on IoT, Big Data Analytics and Health Innovation Ethics and Governance, URL, USW and UT organised three workshops bringing together HEIs and SMEs from ATHIKA consortium and other experts, startups, and tech industry on the eHealth sector. Workshops enabled networking and knowledge transfer on eHealth innovation, entrepreneurship, product quality assessment and validation, data analytics, and market needs analysis, among other issues.

In order to evaluate the success and impact of this event we developed questionnaires for each workshop.

2 Methodology

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We carried out a survey which included a mix of qualitative and quantitative feedback to evaluate the success and impact of each workshop. We developed two different surveys, one for the students and other for the participants who joined the workshops. The students questionnaires were embedded in the Online course Moodle platform, and for the participants the questionnaires were shared via Mentimeter.

The survey took in consideration for example:

- the effectiveness of the workshops
- the impact of the workshops
- the strengths and weaknesses of the workshops approach used
- recommendations, feedback or suggestions

In this document we present a questionnaires that we have done to support the improvement of the workshops.

3 Evaluation questionnaires for IOT Workshop

3.1 Students survey: IoT & eHealth Digital Transformation Challenge

Q1) What is your background profile?

- Engineer
- Health
- Governance & Ethics
- Other

Q2) How inspiring did you find the IoT & eHealth Digital Transformation Talks?

- Not very inspiring 1
- Very Inspiring 5

Q3) Which talk did you enjoy the most? You can choose up to 3 favourites.

- Ageing: Digital Helpers to complete Human and Chemical helpers
- Present and Future of IoT in healthcare: current trends in the Catalan healthcare sector
- My journey in Pharma Industry
- Chemotherapy Process – A Digital Transformation
- Hack The Hospital (5G Transatlantic Lab series)

Q4) How would you rate the quality of the speakers?

- Excellent
- Good
- Neutral
- Poor

Q5) How would you rate your overall learning experience in the IoT & eHealth Digital Transformation challenge competition?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q6) How inspiring did you find the challenge to find innovative data-driven approaches to contribute on the sustainable metropolis transformation?

- Not very inspiring 1
- Very Inspiring 5

Q7) Has working on the challenge helped you to consolidate the knowledge acquired in the course?

- Yes
- No

If you reply no- How should be improved or done differently?

- Open question

Q8) How would you rate your experience with the mentors?

- Very good and effective
- Good
- Fair, it can be improved

If you reply fair- How should be improved or done differently?

- Open question

Q9) Rate the quality of the solution to the challenge proposed by your team?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q10) What are your key takeaways/learnings from the challenge?

- Open questions

Q11) Would you consider further training on IoT & ehealth?

- Yes
- No

Q12) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q13) Any overall comments, feedback, or suggestions?

- Open question

3.2 Participants survey: IoT & eHealth Digital Transformation Challenge

Q1) How inspiring did you find the IoT & eHealth Digital Transformation Workshop?

- Not very inspiring 1
- Very Inspiring 5

Q2) What words come to your mind after hearing the speakers? (word cloud)

Q3) How would you rate the overall experience?

- Excellent
- Good
- Neutral
- Poor

Q4) How would you rate the quality of the speakers?

- Excellent
- Good
- Neutral
- Poor

Q5) Which talk did you enjoy the most?

- Ageing: Digital Helpers to complete Human and Chemical helpers
- Present and Future of IoT in healthcare: current trends in the Catalan healthcare sector
- My journey in Pharma Industry
- Chemotherapy Process – A Digital Transformation
- Hack The Hospital (5G Transatlantic Lab series)

Q6) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q7) Any overall comments, feedback, or suggestions?

- Open question

Q8) What is your profile?

- Researcher
- SME
- Public Administration
- Student
- Other



4 Evaluation questionnaires for ML&AI Workshop

4.1 Students survey: Workshop on ML&AI for eHealth

Q1) What is your background profile?

- Engineer
- Health
- Governance & Ethics
- Other

Q2) How inspiring did you find the Workshop on ML&AI for eHealth Talks?

- Not very inspiring 1
- Very Inspiring 5

Q3) Which talk did you enjoy the most?

- Applications of AI/ML in eHealth (day 1)
- Contactless and Nanoscale enabled Future Healthcare (day 1)
- Machine Learning for Intelligent Digital Health (day 2)

Q4) How would you rate the quality of the speakers?

- Excellent
- Good
- Neutral
- Poor

Q5) How would you rate your overall learning experience in the ML&AI for eHealth challenge competition?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q6) How inspiring did you find the challenge to explore the role and potential of AI&ML in the generic healthcare and in the fight against global pandemic of COVID-19?

- Not very inspiring 1
- Very Inspiring 5

Q7) For the scenario competition which task did you choose?

- T1. Provide a descriptive report of consider a scenario of your interest related to the COVID-19 where AI can be applied to solve the specific problem (e.g., detection and diagnosing COVID patient, tracking and tracing the contacts of COVID patients, providing solutions for post-COVID mental health problems or isolated COVID patients, etc.)
- T2. Develop a Convolutional Neural Network (CNN) model to detect the presence of COVID-19 in X-ray images.
- I didn't participate in the scenario competition

Q8) Has working on the challenge and the competition tasks helped you to consolidate the knowledge acquired in the course?

- Yes
- No

If you reply no- How should be improved or done differently?

- Open question

Q9) How would you rate your experience with the mentors?

- Very good and effective
- Good
- Fair, it can be improved

If you reply fair- How should be improved or done differently?

- Open question

Q10) Rate the quality of the solution to the challenge proposed by your team?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q11) What are your key takeaways/learnings from the challenge?

- Open questions

Q12) Would you consider further training on ML&AI for eHealth?

- Yes
- No

Q13) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q14) Any overall comments, feedback, or suggestions?

- Open question

4.1 Participants survey: Workshop on ML&AI for eHealth

Q1) How inspiring did you find the Workshop on ML&AI for eHealth?

- Not very inspiring 1
- Very Inspiring 5

10

Q2) What words come to your mind after hearing the speakers? (word cloud)

Q3) How would you rate the overall experience?

- Excellent
- Good
- Neutral
- Poor

Q4) How would you rate the quality of the speakers?

- Excellent
- Good
- Neutral
- Poor

Q5) Which talk did you enjoy the most?

- Applications of AI/ML in eHealth (day 1)
- Contactless and Nanoscale enabled Future Healthcare (day 1)
- Machine Learning for Intelligent Digital Health (day 2)

Q6) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q7) Any overall comments, feedback, or suggestions?

- Open question

Q8) What is your profile?

- Researcher
- SME
- Public Administration
- Student
- Other



5 Evaluation questionnaires for Governance & Ethics

Workshop

5.1 Students survey: Governance & Ethics

Q1) What is your background profile?

- Engineer
- Health
- Governance & Ethics
- Other

Q2) How would you rate the quality of the talk on Ethics of surveillance and AI?

- Excellent
- Good
- Neutral
- Poor

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Q3) How would you rate the quality of the Wrap up on Ethics of surveillance and AI?

- Excellent
- Good
- Neutral
- Poor

Q4) How would you rate your overall learning experience in the Ethics and Governance challenge competition?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q5) How inspiring did you find the challenge to help Technosens with the various regulatory and ethical issues that they daily encounter in their work?

- Not very inspiring 1
- Very Inspiring 5

Q6) Has working on the challenge helped you to consolidate the knowledge acquired in the course?

- Yes
- No

If you reply no- How should be improved or done differently?

- Open question

Q7) How would you rate your experience with the mentors?

- Very good and effective
- Good
- Fair, it can be improved

If you reply fair- How should be improved or done differently?

- Open question

13

Q8) Rate the quality of the solution to the challenge proposed by your team?

- Excellent
- Good
- Neutral
- Poor

If you reply poor- How should be improved or done differently?

- Open question

Q9) What are your key takeaways/learnings from the challenge?

- Open questions

Q10) Would you consider further training on Ethics and Governance?

- Yes
- No

Q11) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q12) Any overall comments, feedback, or suggestions?

- Open question

5.2 Participants survey: Governance & Ethics

Q1) How inspiring did you find the Ethics and Governance Workshop?

- Not very inspiring 1
- Very Inspiring 5

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Q2) What words come to your mind after hearing the speakers? (word cloud)

Q3) How would you rate the overall experience?

- Excellent
- Good
- Neutral
- Poor

Q4) How would you rate the quality of the talk on Ethics of surveillance and AI?

- Excellent
- Good
- Neutral
- Poor

Q5) How would you rate the quality of the Wrap up on Ethics of surveillance and AI?

- Excellent
- Good
- Neutral
- Poor

Q6) How would you rate the online setting of the workshop?

- Excellent
- Good
- Neutral
- Poor

Q7) Any overall comments, feedback, or suggestions?

- Open question

Q8) What is your profile?

- Researcher
- SME
- Public Administration
- Student
- Other

