Plan Overview

A Data Management Plan created using DMPTuuli

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Template: General Finnish DMP template

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Project abstract:

EmpowerAId Academy is a Erasmus+ Teacher Academies funded project that supports the efforts of the European Education Area initiative, and specifically its focus on the Digital Education ensuring that all teachers and trainers have the confidence and competences to use technology effectively, critically and creatively. Although, the AI-driven technologies have started transforming the educational ecosystems across Europe, teachers and teacher trainers are lagging behind in developing digital competences and AI literacy for managing the shift from human-centered ducation to human-AI interaction and integration of AI in Education (AIED). Towards that, the EmpowerAId Academy aims to build an innovative, multistakeholder and participatory reference network of European teacher education providers who join forces to codesign a comprehensive bottom-up training pathway. Innovative training programmes on AI ethics and creative teaching approaches will be developed both for teacher trainers and pre-service and in service teachers adapted to each trainee group profile and training needs. These programmes will incorporate all forms of mobilities (physical, digital and blended) and support the development of AI-related digital competences from AI literacy and data reasoning to critical thinking, bias identification and digital leadership skills. The EmpowerAId ITE and CPD programmes developed, along with a variety of multimodal training resources, will be tested and validated through structured blended piloting schemes in real educational settings, resulting into valuable data and insights that will enable the integration of AIED training in formalized and standardized ITE and CPD programmes. On top of that, synergies creation with EU and international projects and initiatives, as well as national and EU policy outreach activities will contribute to the ultimate goal of the project, which is to establish over time a European partnership between ITE and CPD providers to catalyze future digital education ecosystems.

The project is carried out in collaboration. In addition to the University of Helsinki, the following partners are involved:

- Vilnius University
- Stimmuli for Social Change (Greece)
- Regional Directorate of Primary Education of Eastern Thessaloniki

- Valencian International University
- University of Maribor
- University of Malta
- Ministry of Education, Sport and Youth (Cyprus)
- Center for Social Innovation (Cyprus)
- Scoala Gimnaziala Nr. 29 (Romania)

This data management plan is for data collected by the UH research team.

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EmpowerAId

1. General description of the data

1.1 What kinds of data is your research based on? What data will be collected, produced or reused? What file formats will the data be in? Additionally, give a rough estimate of the size of the data produced/collected.

The project will have both quantitative and qualitative data. These include:

- Video and/or audio recordings of interviews in .mp3, mp4 formats, about 20 interviews in total.
- Interview transcripts in .docx, .pdf formats
- Survey and questionnaire data, .xlsx format

Estimate total size of data: up to 25 Gb.

1.2 How will the consistency and quality of data be controlled?

All data collection is coordinated by the project coordinator ensuring consistency in the data.

2. Ethical and legal compliance

2.1 What legal issues are related to your data management? (For example, GDPR and other legislation affecting data processing.)

Under the guidelines on University of Helsinki the current research setting of the project does not require statement from the ethical review board.
The data will include personal information and thus is subject to GDPR

2.2 How will you manage the rights of the data you use, produce and share?

The principal investigator of the project is responsible for agreeing data ownership within the research team, and, if necessary, decide on data sharing with project partners.

3. Documentation and metadata

3.1 How will you document your data in order to make it findable, accessible, interoperable

and re-usable for you and others? What kind of metadata standards, README files or other documentation will you use to help others to understand and use your data?

Research data will be organized according to project work packages. Each WP will have its own folder for case WP data in the group disk space. Each folder will include README files to document what data the folder includes and how to identify the data

4. Storage and backup during the research project

4.1 Where will your data be stored, and how will the data be backed up?

During data collection:

- Survey / questionnaire data will be stored on secure UH services: elomake or webropol.
- Data can be temporarily stored on individual researchers' UH provided, password-protected personal computers if necessary, such as video or audio data from interviews. (University Access)

Final storage of all research data will be the University of Helsinki group disk space that is secure and has back-up service.

4.2 Who will be responsible for controlling access to your data, and how will secured access be controlled?

Only the research team has access to the data. Access will require username and password

5. Opening, publishing and archiving the data after the research project

5.1 What part of the data can be made openly available or published? Where and when will the data, or its metadata, be made available?

Towards the end of the project, the possibility of sharing anonymous data will be discussed with the project personnel and coordinated with project partners.
Software scripts to process and analyse data can be made publicly available in UH version control service version.helsinki.fi (GitLab).

5.2 Where will data with long-term value be preserved, and for how long?

Transcribed interview data will be stored for research and teaching purposes without personal information

6. Data management responsibilities and resources

6.1 Who (for example role, position, and institution) will be responsible for data management?

The project coordinator, employed at the Faculty of Educational Sciences, is responsible for initial planning of data management. Each researchers collecting data will be responsible for moving the data to appropriate storing location

6.2 What resources will be required for your data management procedures to ensure that the data can be opened and preserved according to FAIR principles (Findable, Accessible, Interoperable, Re-usable)?

N/A