

## Data Collection Procedure

### 1. *Methods*

During the 8 weeks research duration, the process of data collection was carried out from the 3<sup>rd</sup> week until the end of the block since it is imperative that sufficient data be collected in order to conduct a comprehensive research, especially for quantitative data analyses. We employed a primary data collection method as we relied on the survey data collection to obtain the quantitative data, a Qualtrics questionnaire was created specifically to collect data from closed-ended questions. When it comes to the qualitative data collection, all of the data we got came from in-person structured interviews.

### 2. *Tools*

Survey – For the quantitative data collection we created Qualtrics survey consisting of 4 section including 8 open-ended questions and 23 close-ended questions. The tool is designed to assess participants (students, teaching staff and industry professionals) perceptions and knowledge on AI within facilities. There are several data points collected in the survey, including respondents' demographic information (age group, gender, role), their background knowledge and perceptions regarding AI in general, and their level of agreement with the different statements posed. As part of our ethical considerations, all data collected from respondents is obtained with consent from them. Once the respondent denies the consent to the conditions of the survey, the survey will be terminated.

Interview – During the qualitative data collection phase, we will conduct in-person interviews consisting of a number of predetermined questions, each of which has a specific purpose related to artificial intelligence in facilities. Before the interview, participants will be provided with informed consent, ensuring that they are aware of their rights throughout the interview. The questions are all open-ended and related to the objectives of the research study.

### 3. *Timeline*

Start Date: 20.09.2023

End Date: Present

Processing Deadline: 03.11.2023