



Faculty of Information Technology
FIT4005/5125/5143 Research Methods in IT
Semester 2, 2020

Assignment 2: Weeks 4, 5 & 6 post-workshop exercises

Submission: Post-workshop Exercises for Weeks 4,5 & 6.

Value: This assignment is worth 20% of the total marks for FIT4005/FIT5125/FIT5143

Assignment due date: The submission is due: 11:55pm Thursday, Week 7 (17 September 2020).

Submission method: Submit to Moodle in 3 PDF documents your answers to post-workshop exercises for Week 4 (Surveys & Questionnaires), Week 5 (Interviews and Focus Groups) and Week 6 (Qualitative Analysis)

This is an individual assignment; it must be your own work and expressed in your own words.

This assignment comprises the post-workshop exercises for Weeks 4, 5 and 6 Weighting of Assessment: 20% of marks for units FIT4005/5125/5143

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Week 4 Surveys & Questionnaires Weighting: [20 marks] See page 2.	Week 5 Interviews and Focus Groups Weighting: [20 marks] See Page 3.	Week 6 Qualitative Analysis Weighting: [20 marks] See Page 4.

Assessment criteria

- (i) The following criteria will be used to determine the score for the assignment:
- Content and completeness of tasks
 - Clarity and relevance of content
 - Level of critical analysis
 - Logical structure and organization of ideas
 - Use of references (where appropriate)
 - Format, grammar, spelling etc.
- (ii) Note that plagiarism detection procedures may be applied to each submission. See the University rules and regulations regarding plagiarism and resulting penalties. Any case of plagiarism detected will mean automatic failure of the entire assignment.
- (iii) Late submissions will incur a penalty of 5% per day.

Assessed Post-workshop Exercise (Week 4)

1. The aim of this assessment is to evaluate your understanding of developing a questionnaire appropriately.
2. This exercise must be completed by the Week 7 submission deadline for Assignment 2 (see Moodle).
3. Submission requirements for Assignment 2 can be found on Moodle, and will be a combination of the assessed post-workshop exercise for week 4, 5, and 6.
4. This is an individual exercise that forms part of the assessment for the unit, you must therefore work alone and follow Monash University policies, procedures and regulations relating academic integrity, plagiarism, and collusion (See Moodle).
5. Tutor feedback will not be provided for this exercise, but feedback on other workshop activities should be of help to you in completing this exercise.
6. There is a *strict word limit* for your answers (detailed in the template). For submission over the specified word limits, only the parts of answers within the word limit will be awarded marks.

Assessment (Week 4)

During the Week 4 workshop you participated in an online survey. This week's assignment involves critiquing and adding to that survey.

Task 1: Critique the provided questionnaire based on your understanding of good survey design. Provide examples from the provided questionnaire of 4 specific instances where the survey could be improved.

Using the template provided, indicate the question number or section, the issue you identified and a justification for how this element of the survey could be improved.

Task 2: You are asked to develop an additional sub-theme for the questionnaire. Create a topic heading, description and 5 additional questions that could be included within this topic. Briefly justify why each question should be included.

Enter this information into the assessment template.

Use the template provided in Week 4 Assessment Template to carry out this assessment, and submit it (as a PDF) as part of your Assignment 2 submission to Moodle.

Assessed Post-workshop Exercise (Week 5)

1. The aim of this assessment is to evaluate your understanding of research interviews, and to assess your ability to apply best practices when conducting Interviews.
2. This exercise must be completed by the Week 7 submission deadline for Assignment 2 (see Moodle).
3. Submission requirements for Assignment 2 can be found on Moodle and will be a combination of the assessed post-workshop exercise for weeks 4, 5 and 6.
4. This is an individual exercise that forms part of the assessment for the unit, you must therefore work alone and follow Monash University's policies, procedures and regulations relating academic integrity, plagiarism and collusion (see Moodle).
5. Tutor feedback will not be provided for this exercise, but feedback on other workshop activities should be of help to you in completing this exercise.

Assessment (Week 5)

When performing qualitative research, it is often useful to triangulate data from multiple sources. In this assessment task you will be planning and conducting an interview to capture additional context to be used alongside the survey.

Task 1: Create an interview schedule for a semi-structured interview that elicits data from one of the following topics. Include at least 6 prompts for response (max 500 words):

- Technical practicalities of using Zoom.
- How teaching activities work over Zoom.
- Engagement with peers in remote learning.
- Security and privacy when using Zoom.

Task 2: Recruit a fellow student (from any unit, program or course) and conduct your interview. Make sure you audio record this interview. Make sure your participant fills in a consent form (provided on Moodle).

Your interview should be approximately 20 minutes long, but can be slightly longer or shorter.

Task 3: Transcribe your interview yourself (Intelligent transcription, not verbatim)

Transcribing interviews that you have conducted is a key skill in conducting research. It helps you to understand nuances in the data, and expose latent topics within the data. See <https://newmediaservices.com.au/types-of-transcription/> for more info on types of transcription.

For this part of the assignment you need to submit the following to Moodle, using the Week 5 Assessment Template on Moodle:

- PDF of your interview schedule and transcription
- Completed consent form
- Audio recording of a 20 minute interview

Assessed Post-workshop Exercise (Week 6)

1. The aim of this assessment is to evaluate your understanding of research interviews, and to assess your ability to apply best practices when conducting Interviews.
2. This exercise must be completed by the Week 7 submission deadline for Assignment 2 (see Moodle).
3. Submission requirements for Assignment 2 can be found on Moodle and will be a combination of the assessed post-workshop exercise for weeks 4, 5 and 6.
4. This is an individual exercise that forms part of the assessment for the unit, you must therefore work alone and follow Monash University's policies, procedures and regulations relating academic integrity, plagiarism and collusion (see Moodle).
5. Tutor feedback will not be provided for this exercise, but feedback on other workshop activities should be of help to you in completing this exercise.
6. There is a strict word limit of 100 words for the description of each theme. For submissions that include descriptions over this length only the first 100 words of each description will be awarded marks.

Assessment (Week 6)

We have transcribed three interviews on the following topic:

"A tutor's experience of supporting students in online Zoom classes"

These are available to download on Moodle in the submission template.

Task 1: Identify two examples of interview responses that you have coded semantically rather than using latent codes.

Enter these into the table in the template document.

Task 2: Analyse the transcripts of all three interviews and derive THREE themes (groups of codes). Indicate your theme titles and codes in the template.

Remember the order in which analysis was carried out in the workshops: i) thoroughly read the transcripts, ii) code (and refine) your codes, iii) group the codes into interesting themes.

Task 3: For each theme (group of codes), provide a description (maximum 100 words) which justifies why you have chosen this theme and how it presents something interesting in the interviews, related to the research topic.

Use the template provided in Week 6 Assessment Template.docx to carry out this assessment. Submit as a PDF as part of assignment 2 to Moodle.

Research methods for IT FIT4005/5125/5143 – Assignment 2 – Surveys, Interviews & Qualitative Analysis (20%)

Assignment criteria	N - three or more of the following:	P - mostly the following:	C - mostly the following:	D – mostly the following:	HD – mainly D plus two or more areas at higher standard:
Surveys					
Identifying questions	No clear questions identified.	Unclear questions identified to use for a survey, more than 3 problematic questions are present.	Some unclear questions identified to use for a survey, more than 2 problematic questions are present.	Good questions identified to use for a survey, 1 or 2 problematic questions are present.	Excellent and well identified questions to use for a survey, no problematic questions present.
Critiquing questions	No improvement or critique provided.	Little indication that something could be changed and is quite unclear. Justifications need major improvement.	Some indication that something could be changed within the questions, but it is unclear or ambiguous. Some justification but significant aspects are ambiguous.	A good suggestion but could be improved with further detail on how the question can be changed. Somewhat clear justification provided.	Excellent answer and clear improvement defined for the questions. Very clear justification provided.
Interviews					
Interview schedule and transcripts	No interview or transcripts implemented.	Questions can be more clearly structured and relevant to the topic. Interview schedule can be more refined.	Okay use of interviews. Questions can be more clearly structured and relevant to the topic. Some improvement is needed for the interview schedule.	Good use of interviews and transcriptions are clear. Good use of interview schedule for the participants.	Excellent use of interviews, and transcriptions are very clear. Questions are structured clearly and relevant to the topic.
Qualitative analysis					
Outline of codes, and themes	None of the codes are valid (either semantic or latent).	Codes are purely semantic, no latent codes present. Unclear where the codes are related to the main themes.	The codes are well defined semantic codes, but none of the codes are describing latent issues. Some of the codes are related to the theme.	Some of the codes are describing latent issues, others are semantic. The codes are general but still applicable to the theme.	All the codes are highlighting latent issues and are applicable to the themes.
Description of the themes and relevance of themes.	The theme is not relevant to the interview topic.	Poor use of theme description and is not relevant to the topic. many details are missing.	The theme is somewhat relevant to the topic. Some further details are needed on the description	Good description of themes. It is relevant to the main topic.	Excellent description of themes and the theme is relevant for the interview topic.
Overall					
Quality of writing	Major revision is required, and spelling, grammar and writing must be revise. Difficult to understand sentences.	Significant spelling errors. Most spelling, punctuation, and grammar correct allowing reader to progress though work	Few spelling errors present. Punctuation, grammatical errors, and few fragments.	Quality of writing is at high standard; no distracting spelling errors.	Excellent standard and quality of writing. Quality of the writing is outstanding and engaging. No spelling errors or distractions present.