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Co-creating the TOTEMM Virtual Learning Packages

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

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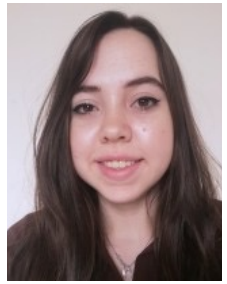

Emily Fletcher

TALLINN HEALTH CARE COLLEGE

Annely Karema

Silja Mets-Oja

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Collaborative Design

Universities,
Schools,
Colleges,
Health trusts,
Charities
Companies
Individuals

Anaesthetist, Sydney

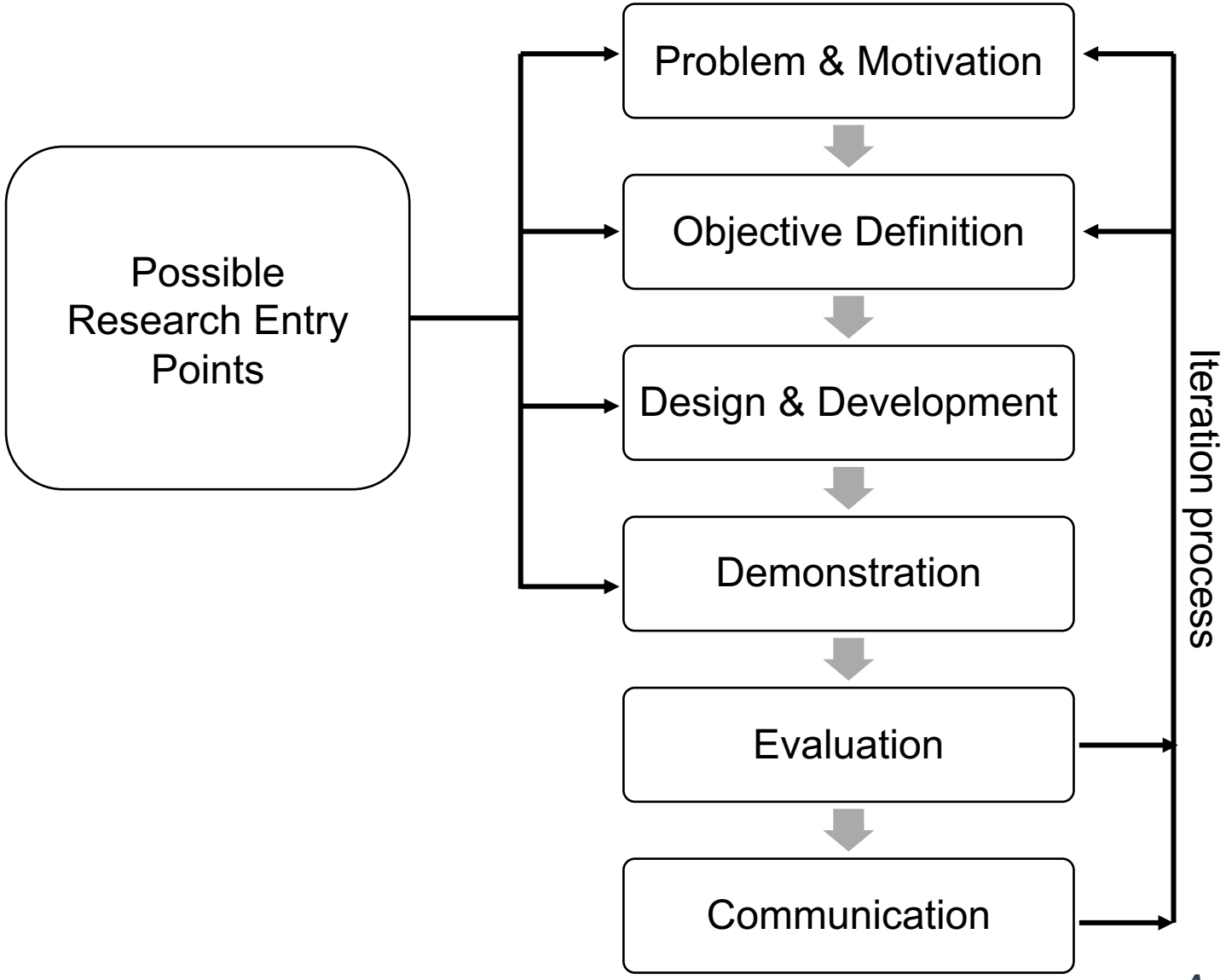
I never thought I would ever be able to teach these concepts, but now I can – with confidence."

(Sensitivity and Specificity 2012)

The ASPIRE Framework

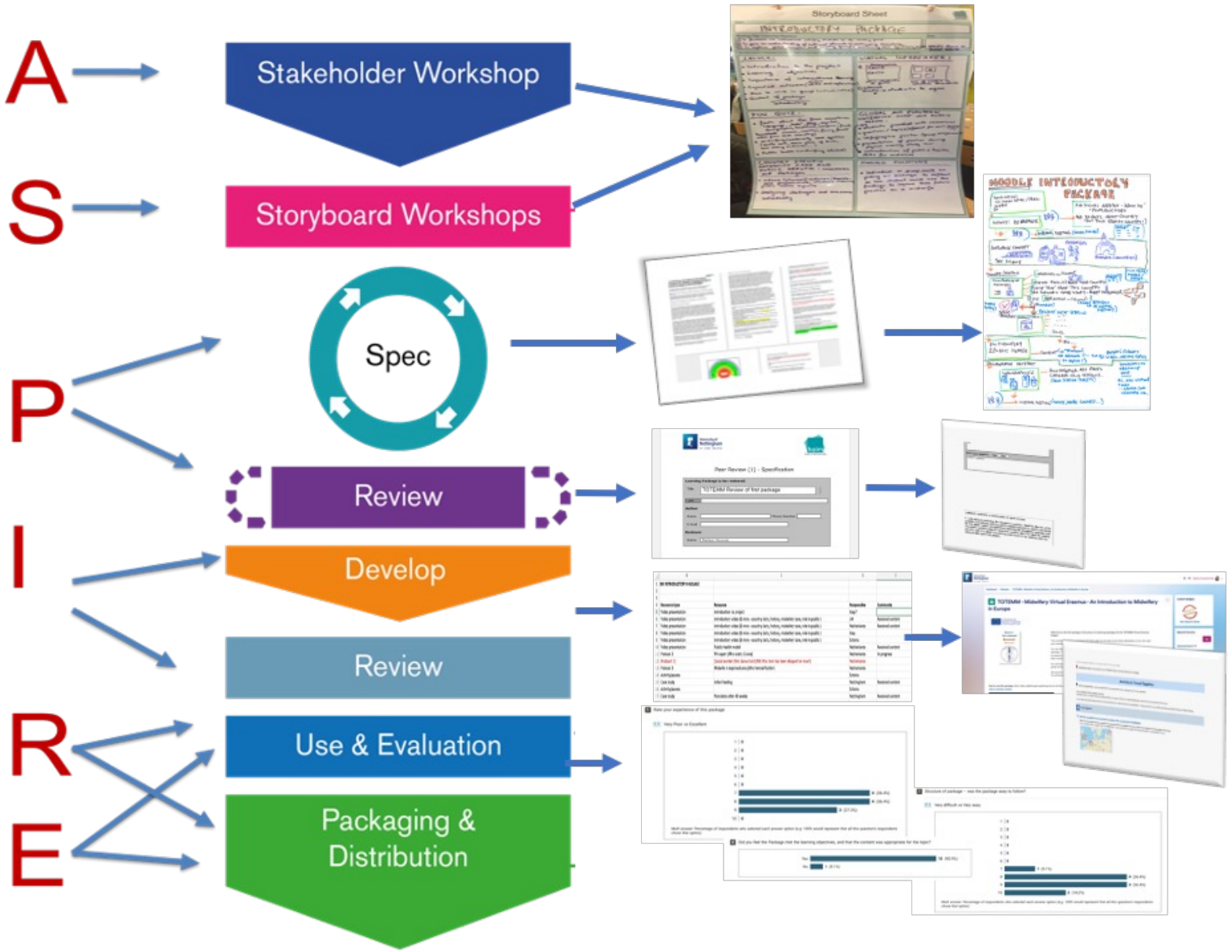
A	Aims
S	Storyboarding
P	Population
I	Implementation
R	Release
E	Evaluation

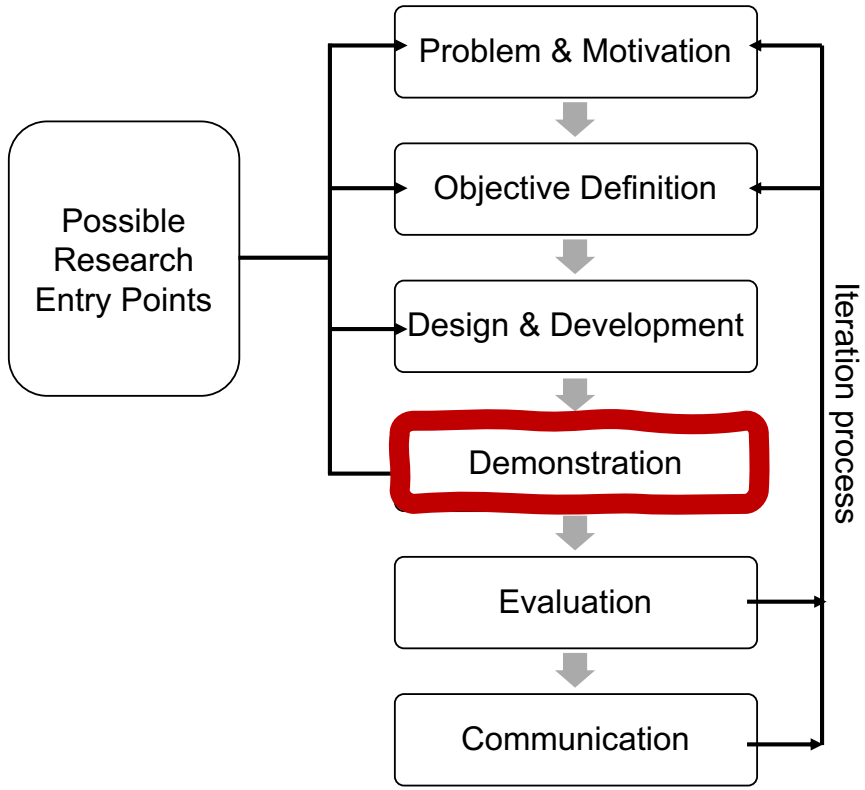
Design Science Approach



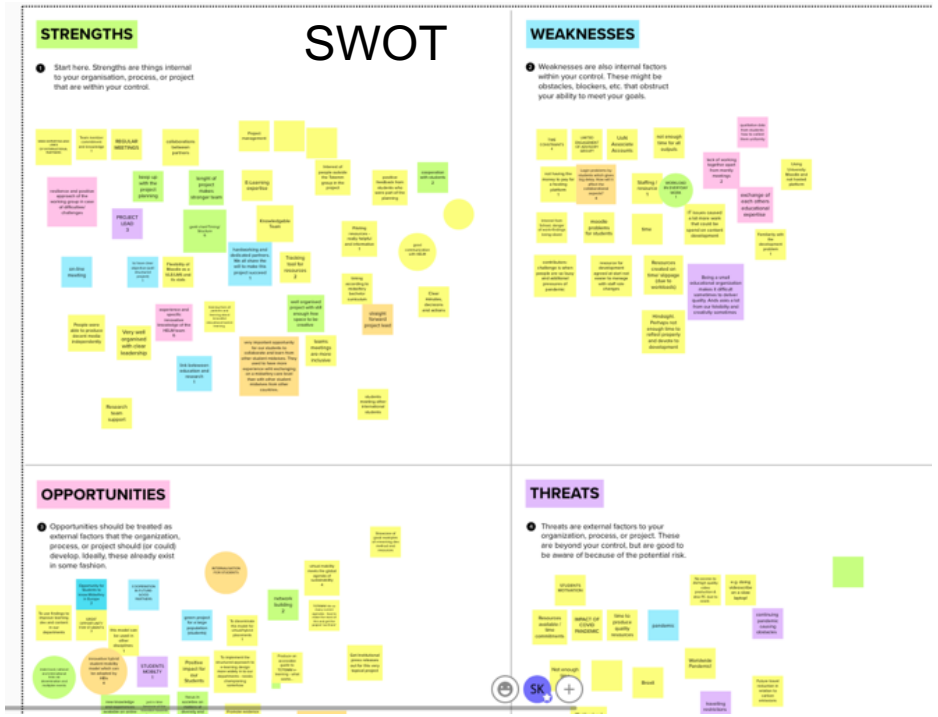
Adapted from Peffers, et al 2007

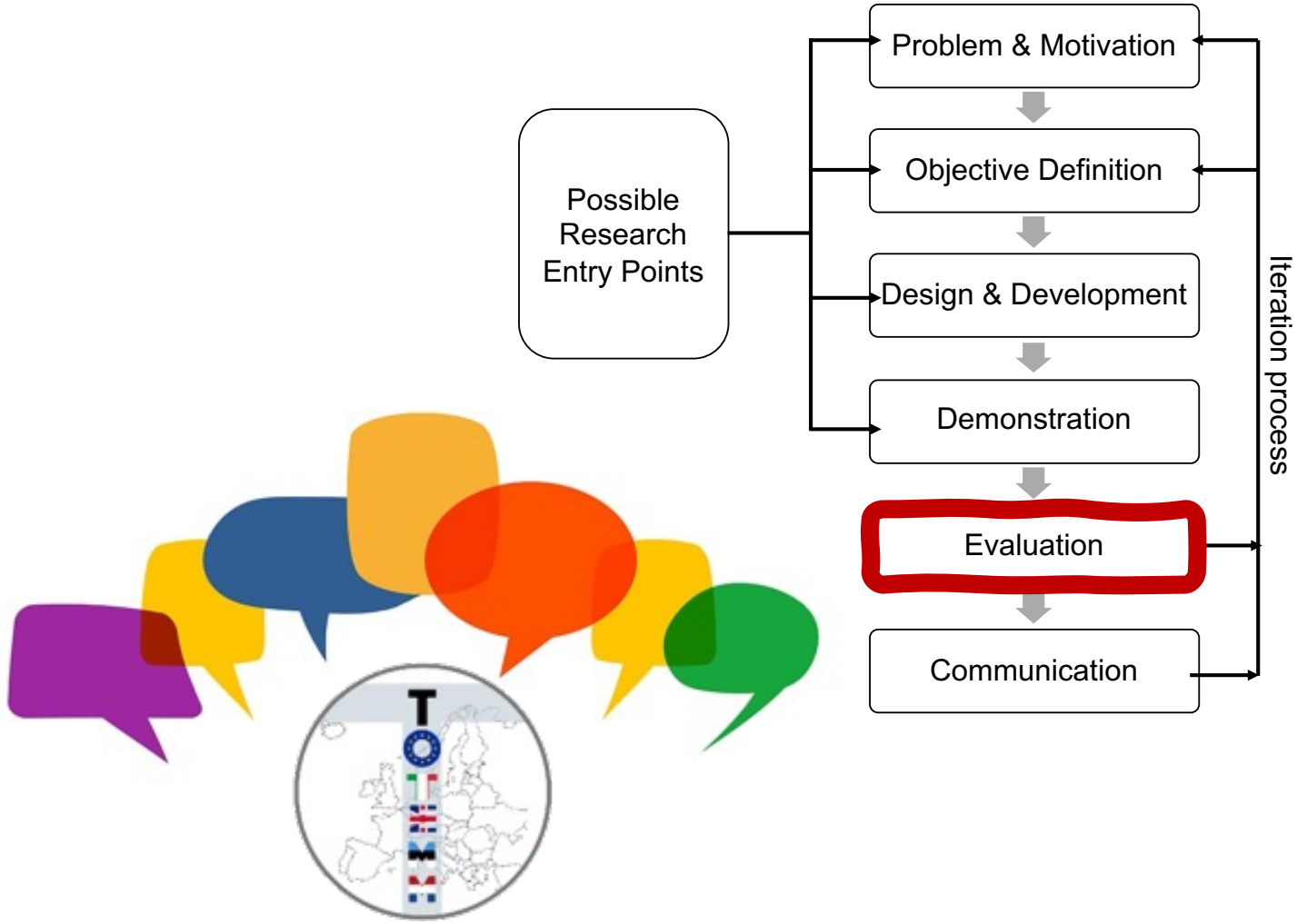
Adapting the ASPIRE framework for Virtual Learning Packages - Demonstration stage





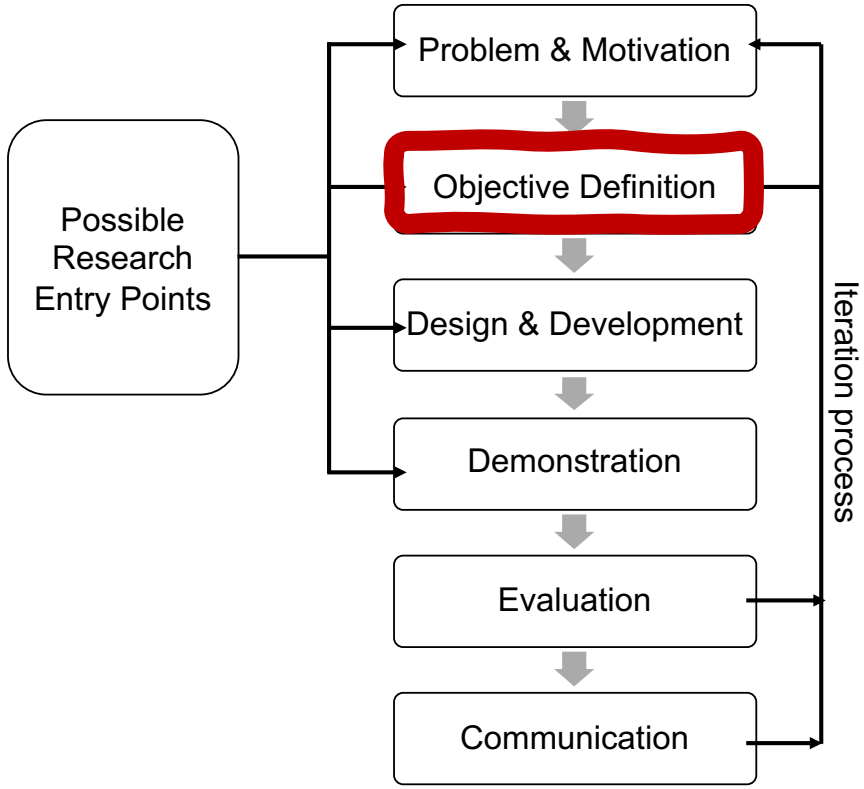
Adapting the ASPIRE framework for Virtual Learning Packages - Evaluation stage





Adapting the ASPIRE framework for educational chatbots - Objective Definition stage

- To raise awareness of the content experts regarding the quality of the specifications
- To reform the specifications in order to fit to the development of a virtual Learning Package having multiple learning objectives instead of single learning objective resources, like RLO
- To minimise the consultation of the learning technologist with the content experts.
- To better coordinate the asset development within an international team.



Adapting the ASPIRE framework for educational chatbots – Design and Development stage

Content Creators Briefing

Stakeholder Workshop

Storyboard Workshops

Spec

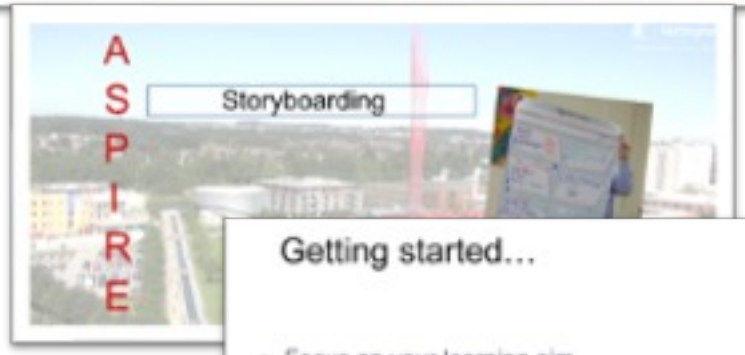
Review

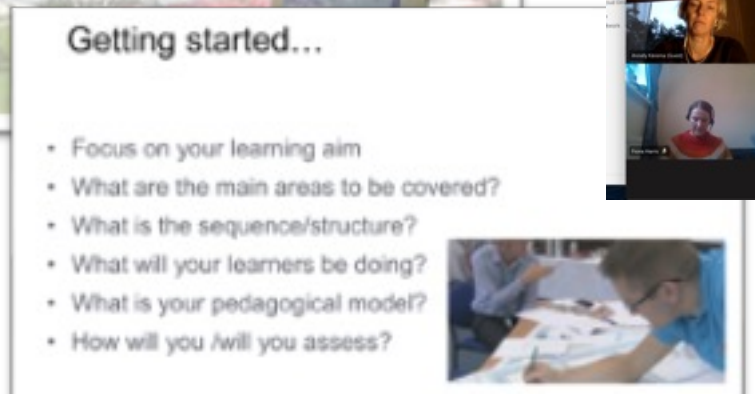
Develop

Review

Use & Evaluation

Packaging & Distribution





Possible Research Entry Points

Problem & Motivation

Objective Definition

Design & Development

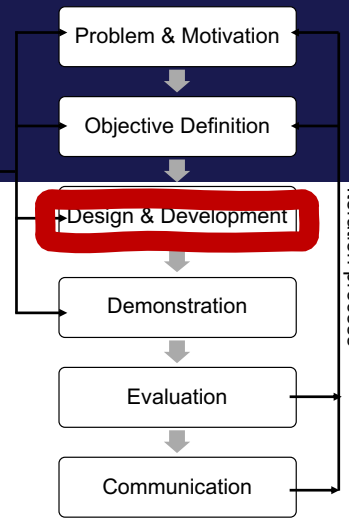
Demonstration

Evaluation

Communication

Iteration process

Adapting the ASPIRE framework for educational chatbots - Design and Development stage



Specifications Revision

Familiarisation with Chatbots

Stakeholder Workshop

Storyboard Workshops

Spec

Review

Develop

Review

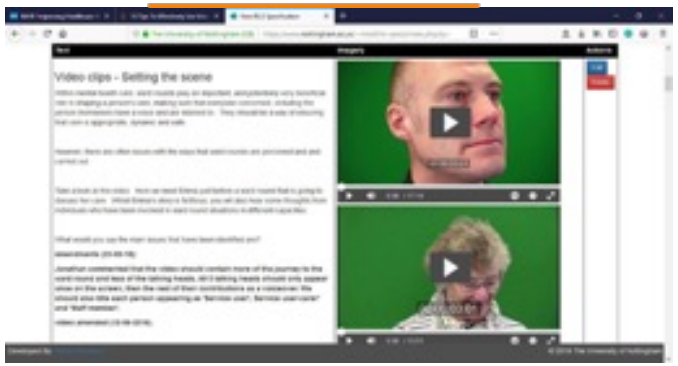
Use & Evaluation

Packaging & Distribution

From linear specifications

Spec

Review



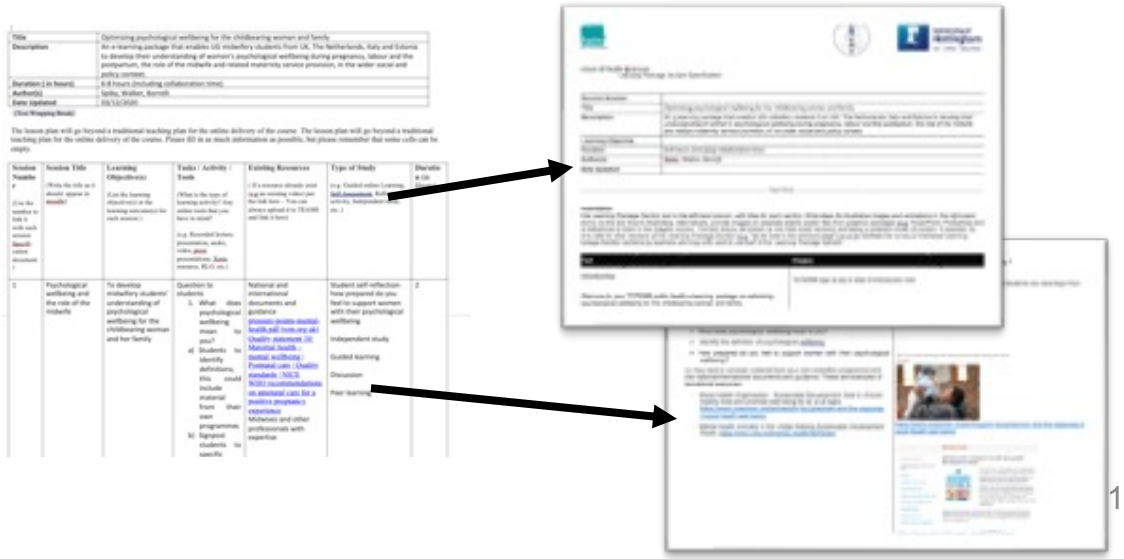
Capture:
- Flow of VLP
- Detailed specs for LO

(VLP) Plan

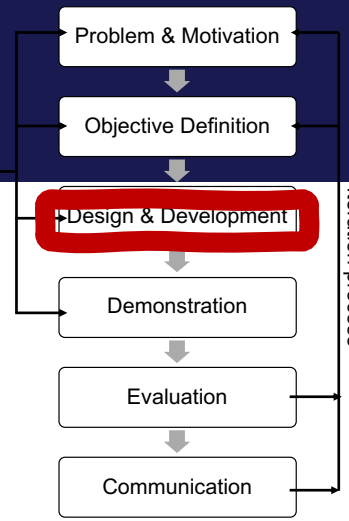
(VLP) Section Specifications

Review

Review



Adapting the ASPIRE framework for educational chatbots - Design and Development stage

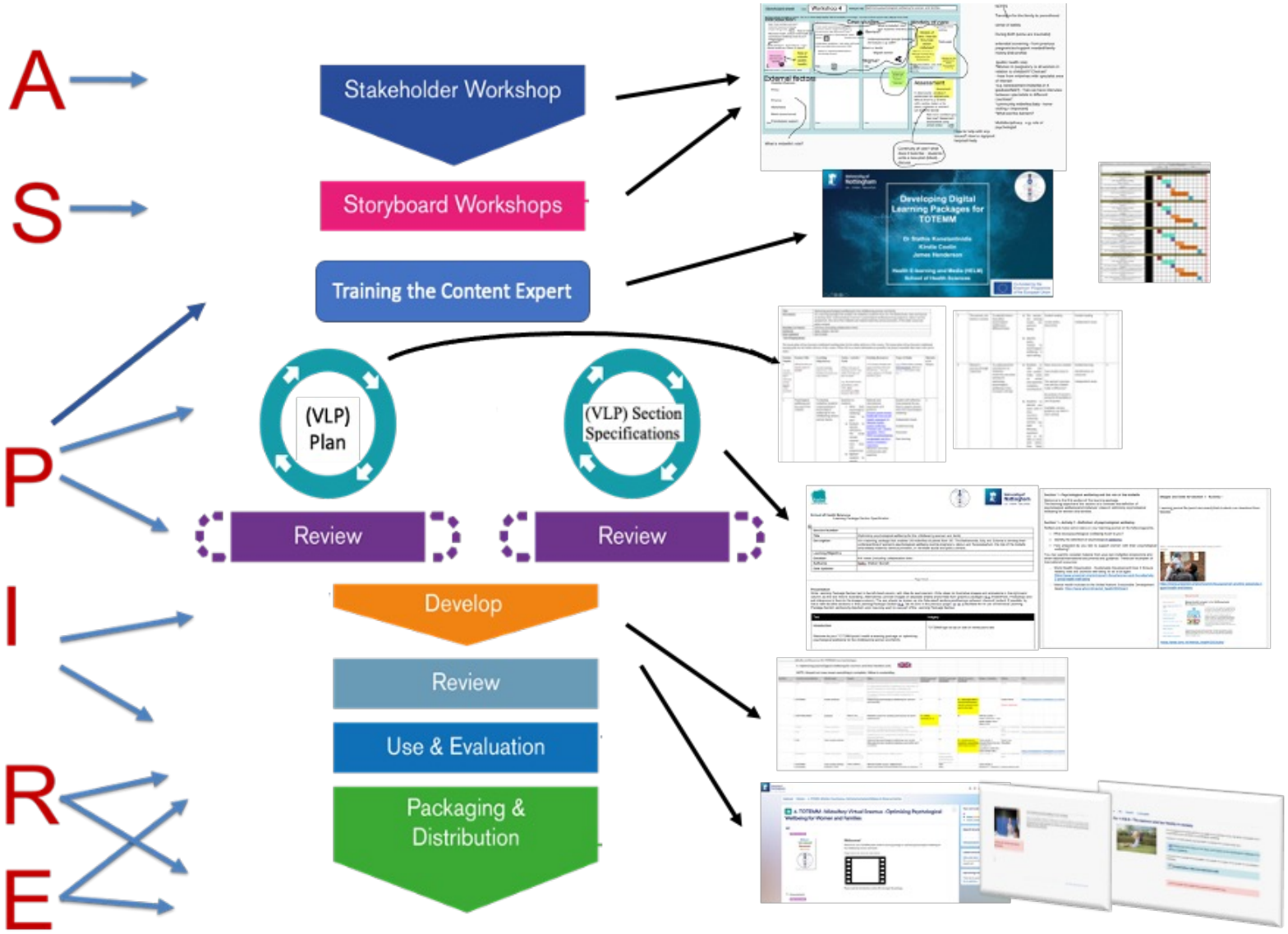


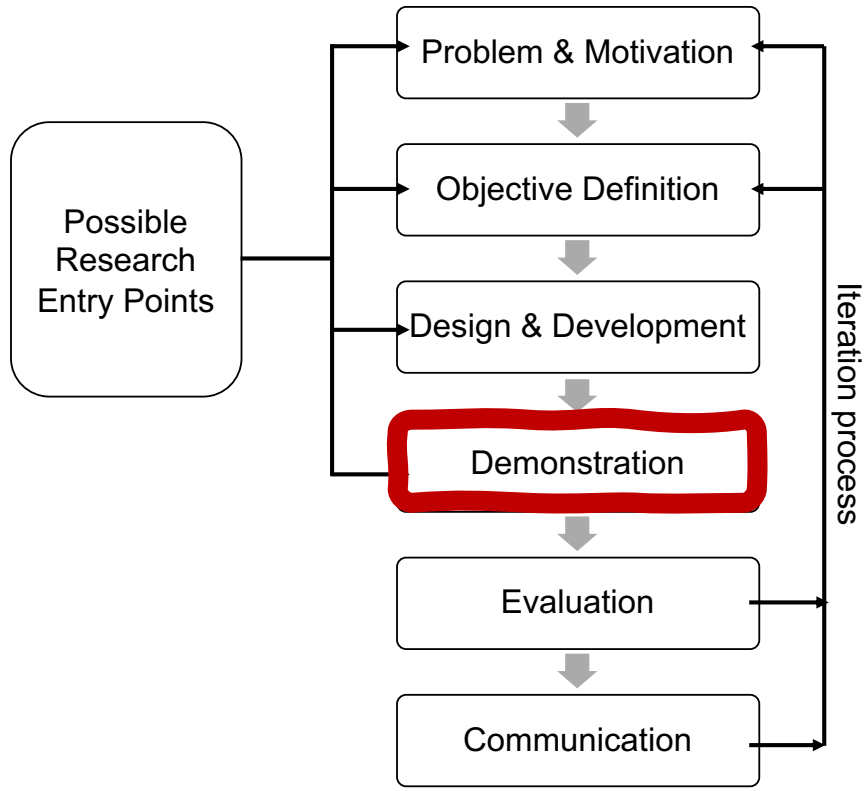
Assets Tracker for Virtual Learning Package

Development

	Media and Resources for TOTEMM Learning Packages									
	[Name of the resource]									
	NOTES: Greyed out rows mean everything is complete. Yellow is oustanding. Changes shoud be marked with inititals									
Section	Country provided by	Media type	Expert	Topic	HELM resource received	HELM Transcript complete	HELM Consent received	Notes + location	Status	URL
1										
1										
1										

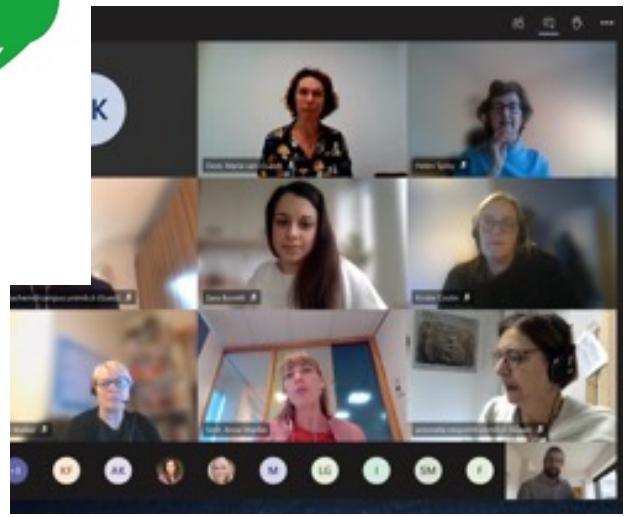
Adapting the ASPIRE framework for educational chatbots - Demonstration



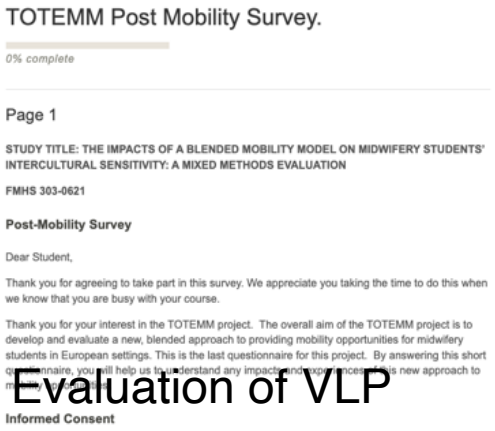


Adapting the ASPIRE framework for educational chatbots - Evaluation

Feedback sessions



Learning Analytics



TOTEMM Post Mobility Survey.

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Page 1

STUDY TITLE: THE IMPACTS OF A BLENDED MOBILITY MODEL ON MIDWIFERY STUDENTS' INTERCULTURAL SENSITIVITY: A MIXED METHODS EVALUATION

FMHS 303-0621

Post-Mobility Survey

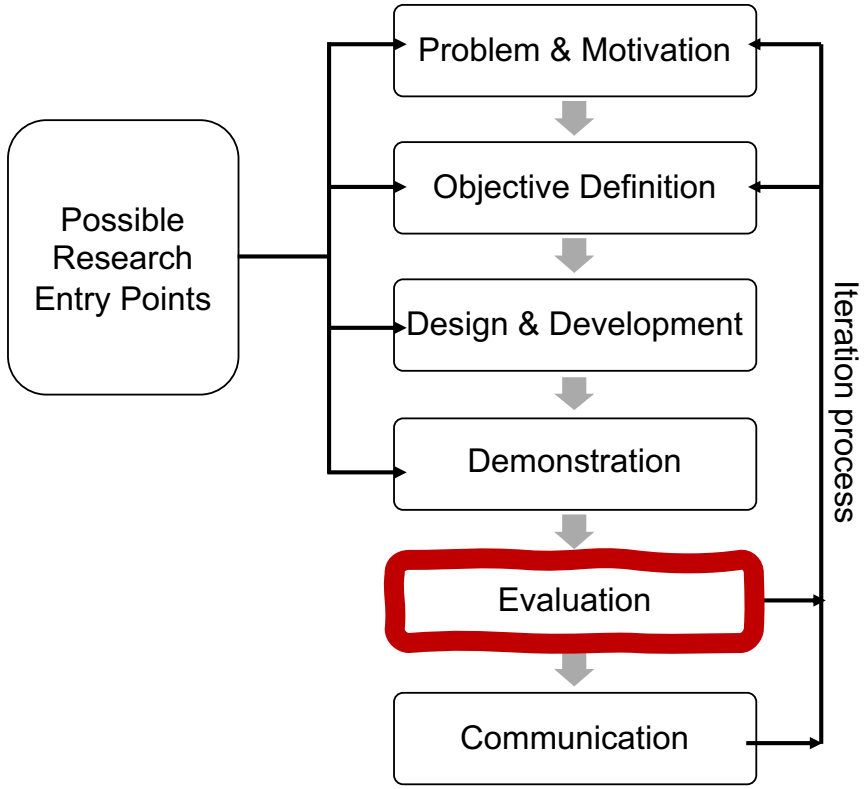
Dear Student,

Thank you for agreeing to take part in this survey. We appreciate you taking the time to do this when we know that you are busy with your course.

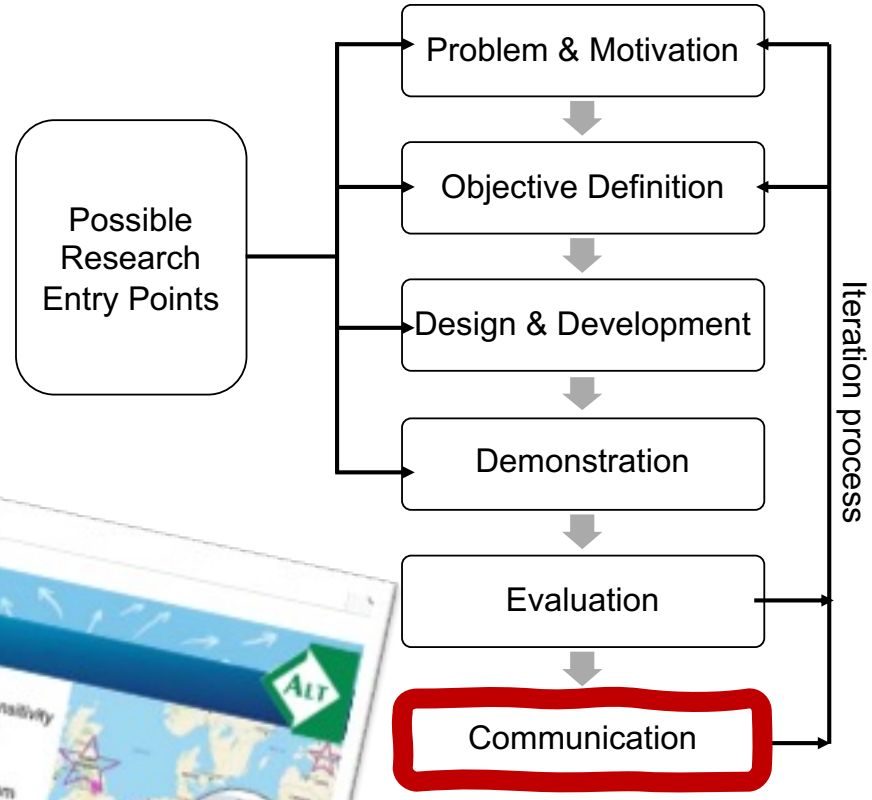
Thank you for your interest in the TOTEMM project. The overall aim of the TOTEMM project is to develop and evaluate a new, blended approach to providing mobility opportunities for midwifery students in European settings. This is the last questionnaire for this project. By answering this short questionnaire, you will help us to understand any impacts and improvements this new approach to

Informed Consent

Evaluation of VLP



Adapting the ASPIRE framework for educational chatbots - Communication stage



Acknowledgments

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https://www.nottingham.ac.uk/totemm/