Module description: eHealth Project

Module Code	t.BA.MI.PM3.23HS
ECTS Credits	4
Language of Instruction/Examination	German
Organizational Unit	IWI Ltg.
Module Coordinator	Philipp Stalder
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.
Module Characteristic	Type 4* 4 lab lessons per semester week and half-class
Module Description	"eHealth Project" is a module that covers the technical and entrepreneurial aspects of digital transformation in health care. After receiving a thorough introduction to the topic, students form groups to explore an everyday problem of health care and develop a practical digital solution. At the end of the module, each group presents its solution to a jury, and the solutions are discussed and evaluated in terms of technical and economic aspects.
Module Content	- Introduction to the topic of "Digital Health" - Case studies in the field of e-health, including recording your own assessment - Development of a business concept for an e-health start-up - Defence of the business concept in plenary - Creation of a start-up business plan (group work), incl. management summary - Presentation of the business plan (group work), incl. assessment by the jury
Prerequisite Knowledge	

Learning Objectives (Competences)	Students...	Competencies	Taxonomies
	evaluate existing e-health solutions on the basis of technical and economic aspects.	F, M	K6
	understand the strategic and operational challenges in the digital transformation of the healthcare sector.	F	K2
	develop practical solutions to problems and work out a business concept for an e-health start-up.	F, M	K5
	apply acquired knowledge to a practical problem and carry out project-orientated requirements engineering.	M, F	K3
	reflect on their own project work from different perspectives and defend their solution concept in plenary.	SE, SO	K4
	can analyse a business plan and independently develop a start-up business plan.	SO, M	K5
	know the content, purpose and uses of a management summary and create their own management summary based on their business plan.	SE, M	K3, K5
	prepare a final presentation and convince a jury in a simulated practical situation.	SO, SE, M	K5
	realise independent learning in supervised and autonomous self-study.	SE	K3, K5

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Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Form
	written + oral	predicate	20	30	acc. to module agreement

	Performance assessment during the semester	Assessment	Length (min.)	Weighting	Form
	report	predicate		10	acc. to module agreement
	report	predicate		20	acc. to module agreement
	report	predicate		40	acc. to module agreement

Classroom Attendance Requirement	None Compulsory attendance at the specified events (communicated in the semester schedule) and at the presentation of the work in the last two weeks of the semester.
Learning material	• Angerer, A. & Russ, C. & Ultsch, S. (2019). Digital Health - Revolution oder Evolution. Winterthur: ZHAW. ISBN 978-3-95466-834-2. • Angerer, A. & Berger, S. (2023). Der Digital Health Report 2023/2024 : mehr Digitalisierung im Gesundheitswesen wagen!. Medizinisch Wissenschaftliche Verlagsgesellschaft. ISBN 978-3-95466-834-2.
Comments	Compulsory attendance at the specified events (communicated in the semester schedule) and at the presentation of the work in the last two weeks of the semester. It is not possible to make up the presentation (as it is scored by a jury). The individual grade is calculated at the end of the semester from the points received for the individual performance assessments. The written assessments are: Case Study (10%), Report Requirements Engineering (20%) and Business Plan (40%).