

Valid from 2026.HS

Module description: Evaluation of Health Tech Solutions	
Module Code	t.BA.MI.PM2.23HS
ECTS Credits	4
Language of Instruction/Examination	German
Organizational Unit	InIT
Module Coordinator	Stephan Roth
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	In this module, you will work in a team to evaluate an existing health tech solution formatively and summatively in accordance with DIN IEC 62366-1 with regard to user requirements, usability and risks for the target groups addressed. You will develop suggestions for improvement and implement them as a prototype.
Module Content	<ul style="list-style-type: none"> In a team of 3-4 students, the students evaluate an existing health tech solution and the associated operating procedures in terms of usability and risks in accordance with DIN IEC 62366-1. <p>User and Context Research</p> <ul style="list-style-type: none"> Students study the target groups of the chosen health tech solution, its context and the pains and risks associated with the chosen health tech solution. <p>Requirement Analysis</p> <ul style="list-style-type: none"> Based on their findings from the user research, the students systematically determine the requirements for the health tech solution. <p>Usability- and Risk-Evaluation</p> <ul style="list-style-type: none"> The students evaluate the selected health tech solution formatively and summatively based on the requirements. They develop suggestions for improving the health tech solution that better address the risks to users.

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Learning Objectives (Competencies)	Students...		Competencies	Taxonomies		
	Students can develop suggestions for improving the existing health tech solution and communicate their advantages appropriately.		M	K5		
	Students can systematically evaluate the usability and risks of health tech solutions in accordance with DIN IEC 62366-1.		M	K4		
	In a user research, students are able to systematically identify the requirements of health tech solutions from the user's perspective and document them appropriately.		M	K4		
	Students can systematically analyse and document operational processes around existing health tech solutions.		M	K4		
Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Social Form	Scenario/Format
	other			0%		
		Assessment	Length (min.)	Weighting	Social Form	Scenario/Format
	Milestone assessments <i>The submissions for the four milestones are assessed. The average of these assessments results in the module grade.</i>	Grade		100%	acc. to module agreement	
Classroom Attendance Requirement	None The presentations on the milestones will take place on site.					
Learning material	<ul style="list-style-type: none"> Theory input on the milestone tasks 					