Course programme

Course code: IFI7312.DT	TRUST IN COMPUTING		
ECTS credits: 4	Amount of contact lessons: 20	Teaching semester: Fall 2017	Assessment form: Pass/Fail
Course objectives:	This course provides an understanding of the role of trust in human computer interaction. It uses a socio-technical model to understand different factors which influence trust. The course also involves studying various theories pertinent to the field. Finally, it provides a set of tools to help students to further reflect on the dynamic nature of trust.		
Brief description of course content: (including the description of the independent work)	Throughout, the course you will learn and explore multiple theories and components of trust. Course outline includes three main parts: 1) Foundations - How academic disciplines view Trust 2) Research - Significant findings in the study of Trust from a socio technical perspective. 3) Applications - Actionable insights for practice from a Human Computer Interaction perspective.		
Learning outcomes:	After successfully completing the course students will know: • How to situate how humans relate to Trustful computing. Namely, students will be able to: • Situate the role of trust in HCI from a socio-technical systems perspective • Explain the multiple components of the Socio-technical model of trust. • Foresee diverse theories associated with the socio technical model of trust		
Assessment methods:	Pass or Fail assessment.		
Teacher(s):	Sónia Sousa, Ph.D. Siddharth Gulati , MSc		
Subject name in Estonian:	Usalduse aspektid infotehnoloogias		
Prerequisite subject(s):	None.		

Compulsory literature:	There is no required literature in the sense of a physical book. A list of reading materials will be assigned by the teachers and provided on the course blog.
Replacement literature:	To be discussed with teacher. Lewis, John and Logus, William (2011) Java Software Solutions: Foundations of Program Design, 7/E Addison Wesley. Boston. ISBN13: 9780132149181. Deitel, Deitel, Paul and Deitel, Harvey (2011) Java How to Program, 9/ e. Prentice Hall. Boston. ISBN-13: 9780132575669.
Participation and Exam requirements:	For students to pass: each student is required to attend 70% of the lessons and be graded 60% or more.
Independent work:	To succeed the course, the students need to: • Participate in class activities (5%) • Submit individual reading assignments (15%) • Actively engage in Discussion activities (5%) • Submit analysis with a Critique analysis component to perform a critical analysis assignment (30%) • Submit the Design Critique challenge component (30%) To present a report on the Critique Design challenge of the assignment (15%)
Grading criteria scale or the minimum level necessary for passing the subject:	Grading criteria: A - 90-100% of the work is done - excellent: outstanding work with only few minor errors. B - 80-90% of the work is done - very good: above average work but with some minor errors. C - 70-80% of the work is done - good: generally good work with a number of notable errors. D - 60-70% of the work is done - satisfactory: reasonable work but with significant shortcomings. E - 50-60% of the work is done - sufficient: passable performance meeting the minimum criteria. F- less than 50% of the work is done - fail: more work is required before the credit can be awarded.

Information about the course: (Topics by contact session, deadlines of independent works and exams/assessments times)	<table><tr><th>Date and time</th><th>Form of study and course content by topic</th></tr><tr><td>07.09 (12:15 - 13:45)</td><td>Foundations: How academic disciplines view [2h]</td></tr><tr><td>08.09 (10:15 - 11:45)</td><td>Foundations: The Multi-dimensional nature of trust in HCI [2h]</td></tr><tr><td>02.11 (10:15 - 13:45)</td><td>Research: Socio-technical implication of Trust research in HCI [2h]</td></tr><tr><td>03.11 (10:15 - 11:45)</td><td>Research: Technology trust (TT) v/s Technology mediated trust (TMT) [2h]</td></tr><tr><td>16.11 (10:15 - 13:45)</td><td>Applications: The Socio-technical model of Trust [4h]</td></tr><tr><td>30.11 (10:15 - 13:45)</td><td>Applications: Measuring Trust from a HCI perspective [4h]</td></tr><tr><td>14.12 (12:15 - 13:45)</td><td>Applications: Actionable insights for practice from a HCI perspective [2h]</td></tr></table>

Teaching Unit in charge:	School of Digital Technologies
Course programme is prepared by:	Sónia Sousa
Date:	15.08.17

The course program is registered in the academic unit:

Date:	21.08.2017
Name of academic coordinator:	Kristi Oikimus