Emnerapport / Course report ved / at Infomedia #111

Emnekode / Course code	MIX301
Emnetittel / Course title	Media Technology: Theory and Development
Semester	2023H
Emneansvarlig / Course coordinator	Duc Tien Dang Nguyen
Sist evaluert (semester / år) / Last evaluation (semester / year)	Autumn/2017

Hva er emnets undervisnings- og vurderingsform? / What are the teaching methods and forms of assessment used in the course?

Teaching Methods:
- Classical Lectures: We ran traditional lectures to bring theoretical knowledge about the course. Duc Tien Dang Nguyen and other MIX staff members (Lars Nyre and Fredrik Jensen) delivered insights into the core topics, ensuring students had a foundational understanding of the subject matter.
- Practical Workshops: Following the Sprint Design and Business Model Canvas, the hands-on workshops were integral to the learning process. These sessions allowed students to apply theoretical knowledge in a real-world context, fostering a dynamic and participatory learning environment.
- Guest Lecturers: With Dang Nguyen, other experts in the field from Infomedia (Sohail Ahmed Khan, Samia Touleb, and Miroslav Bachinski) were invited to give lectures on important topics like Generative AI, Photo Generation by Stable Diffusion, Large Language Models, and HCI & AI. This enriched the curriculum with diverse perspectives and insights.
- Guidance on Scientific Writing and Poster Presentation: Dang Nguyen provided guidance on scientific essay writing and scientific poster presentations. This aspect of the teaching methodology aimed to enhance students' communication skills and their ability to effectively present and convey complex information.

Forms of Assessment:
- Group Project (Prototype Development): This involved students working together on a group project to create a prototype using the core technology discussed in the course. The prototype served as a practical example of the theories learned. It played a key role in the assessment by collecting data on user satisfaction and usability, connecting practical knowledge to evaluation.
- Individual Essay: The main part of the assessment was the individual essay. Each student wrote an essay analysing the theoretical aspects linked to the prototype they built together. This assessment aimed to measure the depth of understanding, critical thinking, and the ability to express ideas clearly.

Oppfølging fra tidligere evalueringer / Follow up from previous evaluations

Learning from past experiences, we have fine-tuned the course to include more hands-on lectures and introduced a specialised series on scientific writing and poster presentation. Moreover, this year's curriculum has a heightened focus on User Experience (UX) and also focuses into emerging and critical topics, with a special emphasis on Generative AI.

Evalueringsmetode(er) / Form of evaluation	A short survey to all MIX301 students on Mitt UiB

Sammendrag av studentene sin evaluering / Summarize the results from the student evaluation

The overall score we received from the students was 3.33/6. It's important to note that this evaluation was based on feedback from only three students (out of 22), and one of them provided a clear bias answer. We recommend a thoughtful reconsideration of the evaluation, taking into account the limited sample size and the presence of bias.

In conversations with other students, who unfortunately did not participate in the formal evaluations, the majority expressed a higher satisfaction level, with many providing a rating of 5/6. This information is also confirmed by the

teaching assistants (Simon Iden and Daniela Lipcika).

The key positive feedback was about the projects and the opportunities of exploring new technologies. It is also important to address the identified negative aspect related to communication, mainly concerning the length of the reports and the evaluation rubric.

Emneansvarligs evaluering / The course coordinator's evalutaion
Overall, I am quite pleased with the course.

The majority of students expressed satisfaction with their learning experience, with some explicitly stating their love for the course. Notably, students were not only able to implement smoke and mirror prototypes but also developed their functionality, marking a key success. They demonstrated the capacity to handle stress and quickly learn new technologies.

Last opp karakterfordeling her (Du finner den i Inspera, alternativt kan du ta kontakt med administrativ kontaktperson)

Grade distribution MIX301 fall 23.pdf

Upload the grade distribution here (You'll find it in Inspera, you can also contact the administrative contact person)

Evt. kommentar til karakterfordeling / Comments on the grade distribution
The majority of grades achieved were A and B, indicating the successful outcomes resulting from the students' hard work. While the grades may seem high, they authentically reflect the exceptional quality exhibited by the students in the course this year.

Mål for neste evalueringsperiode - forbedringstiltak? / Goals for the next evalution period - what can be improved?
There is a clear need for improvement in communication and the delivery of presentations, aiming for a more polished and effective approach. Additionally, enhancing collaboration with other courses is essential to provide students with a more comprehensive and interconnected learning experience.

Furthermore, careful consideration should be given to the balance between group reports and personal essays. Exploring the possibility of merging these components could contribute to a more cohesive and streamlined assessment approach.