

Intelligent Interactive Systems 2018-2019 (1MD032)

Projects

Implementation and requirements

Projects can be done individually, but it is recommended that students work in groups (4 to 5). To pass a project, each group should provide a fully functioning, coherent implementation and demonstration of the chosen project. The project needs to be selected amongst a pool of project specifications provided by the teacher. These are available on the Student Portal and contain all information needed to pass a project (please refer to document “project-description2018.pdf” and read carefully the requirements to pass available there). All basic specifications provided in each project description must be followed in order to pass the project.

Additionally, in order to pass a project, it is necessary to submit in due time (see “Important dates” in the next page) on the Student Portal the following:

- 1) A project report (maximum 5 pages; pdf format).
The report is a textual and graphical description of how you implemented your project. The report should include, at the beginning, a summary of the work and main results, what has worked and what has not, and the role played by each individual group member. One paragraph explaining the contribution of each individual student should be included. You should include your original project specifications as an Appendix in the report (note that the Appendix does not count towards the 5-page limit).
- 2) The commented source code, project files and, where appropriate, an executable for the application in a sensible directory structure.
- 3) A video showing a demo of the system developed during the project should also be submitted.

Project grading

Every project is different and will be marked based on its individual merits. However, there are some generic requirements. You should check with the course team for feedback if you have doubts or questions. Generally, the more specific your specification/idea is, the better the feedback that you will receive.

Indicative requirements	Grading
Fully functioning, coherent implementation and demonstration of project; comprehensive report and supportive material.	3-5, depending on level of challenge, sophistication of results, presentation and level of achievement.

Project rooms and tools

Room 1246 and 4408 can be used to conduct project work. The rooms can be accessed from 8:00 to 17:00 Monday to Friday. Door code: 2123

Intel RealSense D415 Cameras are available upon requests.

Important dates

Tuesday 16/04/2019, 16h00: deadline to sign up for projects

There are a limited number of projects for each topic, in order to ensure adequate resources to be in place for support and feedback on the projects. After joining a project group on the Student Portal (see “Project groups” under “Group divisions” in the menu on the left of the course page), please indicate your preference for projects at this link:

<http://hrisurvey.research.it.uu.se/index.php/371154?lang=en>

You will be assigned a project shortly after.

Friday 26/04/2019, 16h00: deadline for submission of project specifications

Project specifications should be submitted on the Student Portal and include concrete specifications for how you plan to implement the project and what methods you plan to use, together with a timeline for the project.

Tuesday 28/05/2019, 17:00: deadline for submission of projects’ reports and material

Wednesday 29/05/2019 (13:15-16:00, room 1211): final project presentations by students

Feedback sessions

Monday 29/04/2019 (13:15-15:00, rooms 6102, 6111, 6143, depending on project): 1st feedback session on projects (individual – single groups)

Tuesday 09/05/2019 (09:15-12:00, room 1211): 2nd feedback session on projects (plenary)

Monday 20/05/2019 (13:15-15:00, rooms 6102, 6111, 6143, depending on project): 3rd feedback session on projects (individual – single groups)