

# GRADE LIST

## NAME AND DATES

Student name:

Date A3:

Date A4:

## SUPERVISORY TEAM

Responsible supervisor:

Second supervisor:

Co-reader:

Delegate:

## GRADES

A3

Research (50%):

Process (20%):

Report (18%):

Presentation (12%):

Provisional final grade:

A4

Without adjustments / incomprehensible: A3 - 0.5

Understandable: A3

Exceptionally good and engaging: A3 + 0.5

Final grade A4:

## SIGNATURES

Delegate at A3:

Responsible supervisor at A4:



## A3 Rubric

Grade	Research (50%)	Process (20%)	Communication (30%) Report (60%) / Presentation (40%)
<b>&lt; 5.75</b>	<ul style="list-style-type: none"> <li>General problem cannot be explained</li> <li>No specific research questions/objectives</li> <li>Unable to place the research in a wider context, no clear literature research</li> <li>The research resulted in almost no work, using already existing sources</li> <li>The results do not answer the research questions</li> <li>No substantial conclusions</li> </ul>	<ul style="list-style-type: none"> <li>Not autonomous or proactive at all</li> <li>Never responsive when new alternatives are suggested</li> <li>Rarely taking in feedback from supervisors and implementing changes</li> <li>Misuse of resources (data, computational time, people time)</li> <li>No real planning, missed most of the deadlines</li> <li>No original ideas were provided within the project, most of the work is copied</li> </ul>	<ul style="list-style-type: none"> <li>Report has no structure</li> <li>Report does not document sufficiently the research done, not reproducible</li> <li>Report lacks visual material</li> <li>Presentation is chaotic, not clear structure</li> <li>Presentation has no motivation</li> <li>In presentation loses audience rapidly</li> <li>Candidate cannot address the questions posed</li> <li>Clear lack of understanding of the scientific problem under study</li> </ul>
<b>6</b>	<ul style="list-style-type: none"> <li>Motivation can be broadly discerned, but it is not well understood</li> <li>General problem is vague or without clear boundaries (scope)</li> <li>Sufficient introduction and justification of the research topic, but superficial (limited literature review)</li> <li>The choices of methods and data are not justified or explained</li> <li>Limited critical attitude and ability to reflect on the wider scope of application of the research</li> <li>The answers to the research questions are satisfactory</li> <li>Results interpreted to a limited extent</li> </ul>	<ul style="list-style-type: none"> <li>Sometimes autonomous and proactive, but generally needed steering by supervisors</li> <li>Rarely came up with creative new ideas and new sources of information</li> <li>Little response/action to feedback from supervisors for self-improvement</li> <li>Makes inefficient but passable use of resources</li> <li>Contribution to the project is somewhat original</li> <li>Limited initiative and suggestions within the project</li> <li>Basic timeline and plan prepared, but little followed or updated</li> </ul>	<ul style="list-style-type: none"> <li>Report has just right structure, consistency and clarity, with significant corrections by supervisors</li> <li>Report does not document all the parts of the research done (reproducibility issues)</li> <li>Presentation follows a structure, but with some issues in clarity</li> <li>Presentation gives a decent summary of motivation, problem, work done, results and conclusions</li> <li>Sufficient presentation material (e.g. slides, videos, demos)</li> <li>Interaction with the audience is sufficient</li> <li>Gets attention of the audience</li> <li>Can answer most of the questions raised</li> <li>Shows superficial knowledge, not in depth control of the topic</li> </ul>
<b>7</b>	<ul style="list-style-type: none"> <li>Motivation can be understood and related to the problem</li> <li>General problem is clear with defined boundaries (scope)</li> <li>Sufficient introduction and justification of the research topic, with fair literature support (decent literature review)</li> <li>The choices of methods and data are partly justified</li> <li>Fair critical attitude and ability to reflect on the wider scope of application of the research</li> <li>The answers for the research questions are more than satisfactory</li> <li>Results interpreted with a critical attitude independently</li> </ul>	<ul style="list-style-type: none"> <li>Mostly autonomous, generally trying approaches before asking for help</li> <li>Few times came up with new ideas or found new sources of information</li> <li>Was able to contribute to discussions about the research during meetings</li> <li>Critical attitude towards the work done, but most key issues had to be pointed out by supervisors</li> <li>Uses feedback from supervisors for self-improvement</li> <li>Use of resources is appropriate</li> <li>Contribution to the project is partly original</li> <li>Some initiative and suggestions by the student</li> <li>Good timeline and plan prepared, often followed or updated</li> </ul>	<ul style="list-style-type: none"> <li>Report follows a structure, with issues in clarity and organization</li> <li>Report documents all the parts of the research done (no reproducibility issues)</li> <li>Report is generally well written, but contains significant errors and needs improvements</li> <li>Abstract does not capture most of the work</li> <li>Report properly acknowledges other work broadly and contains a fair list of references</li> <li>Presentation follows a structure, but with some issues in clarity and organization</li> <li>Presentation gives a decent summary of motivation, problem, work done, results and conclusions</li> <li>Good presentation material</li> <li>Interaction with the audience is appropriate</li> <li>Gets attention of the audience and maintains it to some extent</li> <li>Questions are answered well with some gaps</li> <li>Confident with the content for its application</li> </ul>
<b>8</b>	<ul style="list-style-type: none"> <li>Motivation is clearly shown and connected to the problem</li> <li>General problem is clear and has defined limitations</li> <li>Good introduction and justification of the research topic with supporting literature (but not all included)</li> <li>The choices of methods and data are justified and logical</li> <li>Demonstrate critical attitude and ability to reflect on the wider scope of application of the research</li> <li>The answers to the research questions are good</li> <li>Results interpreted critically and discussed in a broader scope of the discipline</li> </ul>	<ul style="list-style-type: none"> <li>Mostly autonomous and proactive, generally taking control of the project and steering it to completion with some hiccups</li> <li>Sometimes came up with new ideas and found new sources of information</li> <li>Was able to contribute to lively discussions about the project during meetings</li> <li>Critical attitude towards the work done, but key issues had to be pointed out by supervisors</li> <li>Sometimes uses feedback from supervisors for self-improvement</li> <li>Makes good use of resources</li> <li>Contribution to the project is original, with suggestions by supervisors</li> <li>Several initiatives and suggestions within the project</li> <li>Prepared a good and feasible plan, mostly followed or adjusted when needed</li> </ul>	<ul style="list-style-type: none"> <li>Report follows a structure, with minor issues in clarity</li> <li>Report documents all the parts of the research done (no reproducibility issues)</li> <li>Report is generally well written, but contains a few errors and needs improvements</li> <li>Abstract captures most of the work</li> <li>Report properly acknowledges other work most of the time and contains a mostly complete list of references</li> <li>Work yields some other output (e.g. software, data), which is added to the report</li> <li>Presentation follows a structure, but with some issues in clarity</li> <li>Presentation gives a good summary of motivation, problem, work done, results and conclusions</li> <li>More than satisfactory presentation material</li> <li>Interaction with the audience is good</li> <li>Maintains attention of the audience for most of the presentation</li> <li>Most questions are correctly answered</li> <li>Very confident with the content at a research and development level</li> </ul>
<b>9</b>	<ul style="list-style-type: none"> <li>Motivation is clearly described and connected with the need of solutions of the problem</li> <li>General problem is clear, has boundaries or limitations and is feasible</li> <li>Good introduction and justification of the research topic, with vast literature support</li> <li>The choices of methods and data are justified and logical</li> <li>Good critical attitude and ability to reflect on the wider scope of application of the research</li> <li>The answers to the research questions are very good</li> <li>Results interpreted critically and discussed in a broader scope of the discipline, with proposed solutions or alternative approaches when necessary</li> </ul>	<ul style="list-style-type: none"> <li>Autonomous and proactive, taking control of the project and steering it</li> <li>Most times came up with new ideas and found new sources of information</li> <li>Was able to lead lively discussions about the research during meetings</li> <li>Critical attitude towards the work done, pointing out the issues by themselves</li> <li>Uses feedback from supervisors for self-improvement</li> <li>Makes very good use of resources</li> <li>Contribution to the project is original, with almost no intervention by supervisors</li> <li>Many initiatives and suggestions within the project</li> <li>Prepared a clear and feasible plan, followed and improved when needed</li> </ul>	<ul style="list-style-type: none"> <li>Report follows a clear structure</li> <li>Report documents all the parts of the research done</li> <li>Report is well written, with very few writing errors</li> <li>Abstract captures the essence of the work</li> <li>Report properly acknowledges other work most of the time and contains a mostly complete list of references</li> <li>Work yields some other output published in an ad hoc manner</li> <li>Presentation follows a clear structure</li> <li>Presentation gives a very good summary of motivation, problem, work done, results and conclusions</li> <li>Very good presentation material</li> <li>Interaction with the audience is very good</li> <li>Maintains constant attention of the audience</li> <li>Questions are answered well</li> <li>Masters the content within the research topic</li> </ul>
<b>10</b>	<ul style="list-style-type: none"> <li>Motivation is perfectly presented and connected with the need of solutions of the problem</li> <li>General problem is clear, has boundaries or limitations and is feasible with the approach proposed</li> <li>Excellent introduction and justification of the research topic, with all literature support</li> <li>The choices of methods and data are justified, logical and the most efficient at the moment</li> <li>Excellent critical attitude and ability to reflect on the wider scope of application, making connection to simultaneous research by other peers</li> <li>Results interpreted critically and discussed in a broader scope, with proposed solutions or alternative approaches when necessary</li> <li>The answers to the research questions are excellent</li> <li>Clear evidence that the student is able to design new techniques or combine different techniques successfully in an innovative manner</li> </ul>	<ul style="list-style-type: none"> <li>Highly autonomous and proactive throughout the process, taking full control of the project and steering it to completion in an efficient manner</li> <li>Always came up with creative new ideas and found new sources of information</li> <li>Was able to lead lively discussions about the research during meetings</li> <li>Critical own attitude towards the work done</li> <li>Actively uses both own discoveries and feedback from supervisors for self-improvement</li> <li>Makes highly efficient use of resources</li> <li>Contribution to the project is original</li> <li>Makes all initiatives and suggestions within the project</li> <li>Prepared an efficient, clear and feasible plan, followed and improved when needed</li> </ul>	<ul style="list-style-type: none"> <li>Report follows a clear and logical structure</li> <li>Report thoroughly documents all the parts of the research done, readily replicable</li> <li>Report is well written using clear scientific language and few errors</li> <li>Report is visually appealing and uses figures and tables to best explain aspects of the research</li> <li>Abstract captures the essence of the work</li> <li>Report properly acknowledges other work everywhere and contains a complete, well-formatted list of references</li> <li>Work attempts to yield other output whenever possible, published following open science best practices</li> <li>Presentation follows a clear and logical structure</li> <li>Presentation gives an easy to understand summary</li> <li>High-quality presentation material</li> <li>Interaction with the audience is outstanding</li> <li>Maintains constant attention of the audience</li> <li>Questions are answered succinctly with full awareness of strengths and weaknesses</li> <li>Masters the content beyond the research topic</li> </ul>

## A4 Rubric

Verbally	Visually	A4 final grade
Explained and argued for a lay audience without adjustments or in an incomprehensible way	Shown and displayed for a lay audience without adjustments or in an incomprehensible way	A3 grade - 0.5
Explained and argued for a lay audience in an understandable way	Shown and displayed for a lay audience in an understandable way	A3 grade
Explained and argued for a lay audience in an exceptionally good and engaging way	Shown and displayed for a lay audience in an exceptionally good and engaging way	A3 grade + 0.5