

Final project report rubric

You will be marked according to the following criteria (the earlier criteria are the same)

- Is the report clearly written and presented?
- Are the diagrams and images appropriate and clear?
- Does the report display knowledge of the area of study, previous work and academic literature?
- Does the report critically evaluate the previous work and/or academic literature?
- Does the report use proper citation?
- Is the design of the project clear and of high quality?
- Is the project concept justified based on the domain and users?
- Is the final implementation of high quality?
- Is the final implementation technically challenging?
- Is the evaluation strategy appropriate to the aims of the project?
- Does the evaluation display good coverage of appropriate issues?
- Are the results of the evaluation presented well?
- Are the evaluation results used to critically analyse the project with respect to the objectives of the project?
- Does the project display evidence of originality?

Detailed rubric breakdown for written report

Is the report clearly written and presented?

0 points No

2 points No, but... there is some attempt to describe the project but it is very hard to understand

6 points Yes, but... the project is mostly clear, but some areas are hard to understand, or miss important information

7 points Yes, the project is presented clearly and in appropriate language

10 points Yes, and... a very professional level of language to academic or industry standards

Are the diagrams and images appropriate and clear?

0 points No, there are no diagrams

2 points No, but... there are some images, but they don't really relate to the text in any way.

5 points Yes, but... there is use of visual materials but they are of poor quality or poorly linked to the text

7 points Yes, good quality visual that compliment the text and communicate important information

10 points Yes, and... a very professional level of visual materials to academic or industry standards

Does the report display knowledge of the area of study, previous work and academic literature?

0 points No

4 points No, but... there are some attempts to refer to other work

6 points Yes, but... the report some discussion of the area and a few bits of previous work, but the discussion might be limited, confused or only partially correct

8 points Yes, the report gives an overview of the area and well written discussion of at least 4-6 pieces of previous work, based primarily on a good reading of the suggested work from the template

10 points Yes, and... the report gives and detailed and insightful analysis of the area of study with a detailed description of very well chosen examples of previous work that goes considerably beyond what was suggested in the template

Does the report critically evaluate the previous work and/or academic literature?

0 points No

2 points Yes, but... the report makes some attempts at evaluating previous work

4 points Yes, the report situates the project in a critical analysis of previous work

6 points Yes, and... the report gives and detailed and insightful analysis of the area of study with a detailed description of very well chosen examples of previous work that goes considerably beyond what was suggested in the template

Does the report contain appropriate citations?

0 points No

2 points Yes, but... the report presents some previous work without proper citations (e.g. no citations or just links or incorrect style)

4 points Yes, all work mentioned in the report is cited in correct ACM style

Is the design of the project clear and of high quality?

0 points No

2 points No, but... the design is hard to follow and very incomplete, but there are some attempts to present a design

4 points A design corresponding to the “acceptable” level of project described in the template but not described in a clear or complete way, or with several flaws

5 points A clearly described design that corresponds the “acceptable” level of project described in the template

6 points A design corresponding to the “good” or “excellent” level of project described in the template but not described in a clear or complete way, or with several flaws

8 points A clearly described design (including suitable visual communication) corresponding to the “good” level of project described in the template

10 points A design corresponding to an “excellent” project but with elements lacking or a few flaws

12 points A very clear and coherent design, described well in both visuals and writing that corresponds to the “excellent” level of project described in the template

Is the project concept justified based on the domain and users?

0 points No

2 points No, but... there are some attempts to justify the concept, but without evidence

4 points Yes, but... the project concept includes some reference to the domain and users but without a full analysis of requirements

6 points Yes, the project concept is based on a clear and evidenced argument for the requirements of users and/or the domain

8 points Yes, and... a project concept that is strongly based on a detailed, insightful and innovative analysis of the users and/or domain

Is the final implemenation of high quality?

0 points No, there is no implementation described

6 points No, but, there is no working prototype, but there is some attempt at making one

12 points Yes, but... there is a working prototype that would correspond to part of a project at the “acceptable” level of project described in the template

15 points Yes, but... there is a prototype that would correspond to part of a project at the “good” or “excellent” level of project described in the template, but it has many bugs and flaws

18 points Yes, there is a working prototype that would correspond to part of a project at the “good” level of project described in the template

22 points Yes, and... there is a working prototype that would correspond to part of a project at the “excellent” level of project described in the template

Is the implementation that is described technically challenging?

0 points No, the prototype is OK but fairly standard

3 points Yes, but... This prototype includes some of the more difficult techniques or algorithms taught in this degree

6 points Yes, This prototype includes some very difficult techniques or algorithms that go beyond what is taught in this degree (closer to masters or professional level)

8 points Yes, and... this prototype is extremely advanced, either being close to cutting edge research (advanced masters or PhD), or very advanced/cutting edge professional work

Is the evaluation strategy appropriate to the aims of the project?

0 points No, there is no evaluation strategy

2 points No, but... there is some attempt at an evaluation plan, but it is very confused or not explained in any detail

3 points Yes, but... the strategy is simply a restatement of the suggested approach from the template

4 points Yes, but... The strategy does not engage with the suggestions of the template or is otherwise not appropriate

5 points Yes, it is a well thought out strategy that builds on that proposed in the template

6 points Yes, and... the strategy is very detailed an well thought out, going considerably beyond that described in the template

Does the evaluation display good coverage of appropriate issues?

0 points No, there is no real evaluation

2 points No, but... the evaluation does cover some important issues but misses many others

3 points Yes, but... there are some important areas that the evaluation misses

4 points Yes, the evaluation covers the major important areas of the project

5 points Yes, and... the evaluation is very detailed and covers a number of subtle issues

Are the results of the evaluation presented well?

0 points No, there is no evaluation presented

2 points No, but... there is some attempt to describe the evaluation but it is very hard to understand

3 points Yes, but... the write up of the evaluation is hard to read, omits important information or contains errors

4 points Yes, the results are clearly presented in a way that is easy to follow for computer scientist

5 points Yes, and... the report is of a very professional standard, either of academic or industry research

Are the evaluation results used to critically analyse the project with respect to the objectives of the project?

0 points No

1 points Yes, but... the project presents some analysis but it is simplistic (e.g. just using results to say how good the project it) and/or does not address the objectives of the project

2 points Yes, a balanced, evidenced analysis of the good and bad aspects of the project relative to the original objectives

4 points Yes, and... a critical, evidence driven analysis that goes beyond the pros and cons of the project to make potentially generalisable conclusions

Does the project display evidence of originality?

0 points No, this is a fairly standard undergraduate project

5 points Yes, but... this type of project is novel or original in comparison with the large majority of undergraduate projects

8 points Yes, an original piece of work that goes considerably beyond undergraduate level and is closer to what would be expected at masters level or at the level of a valuable new product development

10 points Yes, and... a level of original research or innovative that is would normally be expected at PhD level, or a highly innovative commercial product

Detailed rubric breakdown for video submission

Is the final product of high quality?

0 points No, there is no demo

2 points No, but, there is no working prototype, but there is some attempt at making one

3 points Yes, but... there is a working prototype that would correspond to part of a project at the “acceptable” level of project described in the template

5 points Yes, but... there is a prototype that would correspond to part of a project at the “good” or “excellent” level of project described in the template, but it has many bugs and flaws

6 points Yes, there is a working prototype that would correspond to part of a project at the “good” level of project described in the template

7 points Yes, and... there is a working prototype that would correspond to part of a project at the “excellent” level of project described in the template

Is the implementation that is described technically challenging?

0 points No, the prototype is OK but fairly standard

1 points Yes, but... This prototype includes some of the more difficult techniques or algorithms taught in this degree

2 points Yes, This prototype includes some very difficult techniques or algorithms that go beyond what is taught in this degree (closer to masters or professional level)

3 points Yes, and... this prototype is extremely advanced, either being close to cutting edge research (advanced masters or PhD), or very advanced/cutting edge professional work