

# Final Project – Draft Rubric

## 1. Preliminary Report (120 points)

Submit a pdf document containing your preliminary report as described in the instructions.

Is the report clearly written and presented?

<b>0 points</b>	No
<b>2 points</b>	No, but... there is some attempt to describe the project but it is very hard to understand
<b>6 points</b>	Yes, but... the project is mostly clear, but some areas are hard to understand, or miss important information
<b>7 points</b>	Yes, the project is presented clearly and in appropriate language
<b>10 points</b>	Yes, and... a very professional level of language to academic or industry standards

Are the diagrams and images appropriate and clear?

<b>0 points</b>	No, there are no diagrams
<b>2 points</b>	No, but... there are some images, but they don't really relate to the text in any way.
<b>5 points</b>	Yes, but... there is use of visual materials but they are of poor quality or poorly linked to the text
<b>7 points</b>	Yes, good quality visual that compliment the text and communicate important information
<b>10 points</b>	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?

<b>0 points</b>	No
<b>4 points</b>	No, but... there are some attempts to refer to other work
<b>6 points</b>	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
<b>8 points</b>	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
<b>10 points</b>	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?

<b>0 points</b>	No
<b>2 points</b>	Yes, but... the report makes some attempts at evaluating previous work
<b>4 points</b>	Yes, the report situates the project in a critical analysis of previous work

<b>6 points</b>	Yes, and... the report gives a 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?

<b>0 points</b>	No
<b>2 points</b>	Yes, but... the report presents some previous work without proper citations (e.g. no citations or just links or incorrect style)
<b>4 points</b>	Yes, all work mentioned in the report is cited in correct ACM style

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

<b>0 points</b>	No
<b>2 points</b>	No, but... the design is hard to follow and very incomplete, but there are some attempts to present a design
<b>4 points</b>	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
<b>6 points</b>	A clearly described design that corresponds to the "acceptable" level of project described in the template
<b>6 points</b>	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
<b>8 points</b>	A clearly described design (including suitable visual communication) corresponding to the "good" level of project described in the template
<b>8 points</b>	A design corresponding to an "excellent" project but with elements lacking or a few flaws
<b>12 points</b>	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?

<b>0 points</b>	No
<b>2 points</b>	No, but... there are some attempts to justify the concept, but without evidence
<b>4 points</b>	Yes, but... the project concept includes some reference to the domain and users but without a full analysis of requirements
<b>6 points</b>	Yes, the project concept is based on a clear and evidenced argument for the requirements of users and/or the domain
<b>8 points</b>	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 implementation of high quality?

<b>0 points</b>	No, there is no implementation described
<b>6 points</b>	No, but, there is no working prototype, but there is some attempt at making one
<b>15 points</b>	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
<b>15 points</b>	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

<b>18 points</b>	Yes, there is a working prototype that would correspond to part of a project at the “good” level of project described in the template
<b>22 points</b>	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?

<b>0 points</b>	No, the prototype is OK but fairly standard
<b>3 points</b>	Yes, but... This prototype includes some of the more difficult techniques or algorithms taught in this degree
<b>6 points</b>	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)
<b>8 points</b>	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?

<b>0 points</b>	No, there is no evaluation strategy
<b>2 points</b>	No, but... there is some attempt at an evaluation plan, but it is very confused or not explained in any detail
<b>3 points</b>	Yes, but... the strategy is simply a restatement of the suggested approach from the template
<b>3 points</b>	Yes, but... The strategy does not engage with the suggestions of the template or is otherwise not appropriate
<b>5 points</b>	Yes, it is a well thought out strategy that builds on that proposed in the template
<b>6 points</b>	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?

<b>0 points</b>	No, there is no real evaluation
<b>2 points</b>	No, but... the evaluation does cover some important issues but misses many others
<b>3 points</b>	Yes, but... there are some important areas that the evaluation misses
<b>4 points</b>	Yes, the evaluation covers the major important areas of the project
<b>5 points</b>	Yes, and... the evaluation is very detailed and covers a number of subtle issues

Are the results of the evaluation presented well?

<b>0 points</b>	No, there is no evaluation presented
<b>2 points</b>	No, but... there is some attempt to describe the project but it is very hard to understand
<b>3 points</b>	Yes, but... the write up of the evaluation is hard to read, omits important information or contains errors
<b>4 points</b>	Yes, the results are clearly presented in a way that is easy to follow for computer scientist
<b>5 points</b>	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?

<b>0 points</b>	No
<b>1 point</b>	Yes, but... the project presents some analysis but it is simplistic (e.g. just using results to say how good the project is) and/or does not address the objectives of the project
<b>2 points</b>	Yes, a balanced, evidenced analysis of the good and bad aspects of the project relative to the original objectives
<b>4 points</b>	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?

<b>0 points</b>	No, this is a fairly standard undergraduate project
<b>5 points</b>	Yes, but... this type of project is novel or original in comparison with the large majority of undergraduate projects
<b>8 points</b>	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
<b>10 points</b>	Yes, and... a level of original research or innovative that is would normally be expected at PhD level, or a highly innovative commercial product

## 2. Overall assignment evaluation

What are the best things about this project?

<Tutor feedback>

What suggestions do you have for improving this project and report?

<Tutor feedback>