

Recommended content and structure of the **Final Project Report**, showing the points assigned to each section (**total = 100 points**):

1. Project Title and Code
2. Executive Summary
  - a. A one-page summary of the report
  - b. Detailed explanation of all the innovative ideas and features that the team has included in the project and a critical discussion of the merits of such innovations. **(10 pts)**
3. Table of Contents
4. Introduction and Background Review **(10 pts)**
5. System Description **(10 pts)**
  - a. Needs Assessment / System Requirements
  - b. Economical, technical and logistical constraints
  - c. Initial System Specification (external design document)
  - d. Final Specifications (finalized internal design document)
6. Overall System Architecture **(10 pts)**
  - a. System Diagrams - Detail all interfaces between the environment and the components
  - b. Hardware Architecture Diagrams (if applicable)
  - c. Software Architecture Diagrams
7. Implementation Details **(15 pts)**

*Due to the Covid 19 situation, we know that you might have faced some challenges in the implementation part, that's why we need you to reflect on the contingency plan that you presented in the abstract submission and mention how you activated it in the below part ( if you needed to)*

  - a. Hardware (if applicable)
  - b. Software (if applicable)
  - c. Algorithmic components (if applicable)
  - d. User Interfaces (if applicable)
8. Testing and Performance Evaluation **(10 pts)**

- a. Process used for testing and evaluating your technical implementation, field deployment, etc.
  - b. Analysis of Results and efforts to enhance reliability and performance (as applicable)
9. Usability and societal impact of the product (including legal/ethical considerations) **(10 pts)**
10. Conclusions and Recommendations for Future Work **(5 pts)**
- a. **Ideas for new work that can enhance and/or complement your implementation and complete your vision.**

Appendix – Project management methodology and documentation of plans, issues, etc. **(10 pts)**

Report and Presentation: **(10 pts)**

- Clarity and quality of the written report
- Clarity and creativity of the video presentation

**The deadline for uploading the report and the video is July 25<sup>th</sup>, 2020.** Please also regularly check the competition web site for relevant details and future announcements.

Important Notices:

(1) Your report will be blind-reviewed in order to ensure complete fairness. Therefore, please make sure to avoid including in your report and video demonstration ANY reference that could directly identify your university and country. Please also do not give the names of your team members and professor(s) in the files containing your report and video.

(2) Please note that our review process includes an automated test that uncovers the level of plagiarism in the submitted reports. Copying substantial or core material from work published by others may lead to the disqualification of a project. Please make sure that you refrain -as much as possible- from copying text, code, drawings and graphics from other publications, whether

the copy is exact or done with very minor modifications. If you have to copy definitions, illustrations, and/or statements given in textbooks or published papers, please clearly refer to the original source of such material and list it properly in the "references" section of your report. Copied material-even when properly referenced- is not expected to exceed 20% of your report. Failure to do so may unfortunately jeopardize your chances in this competition.