

DELL Technologies Envision the Future Competition 2020-21

Interim Progress Report Structure

The primary objectives of this short report (6 pages max) are to track the progress in the design and implementation of the project and to highlight the challenges and lessons learned so far. Furthermore, **minor** changes made to the project scope and/or plan since the submission of the abstract should be listed in this report along with a clear explanation of the rationale behind such modifications.

This phase will be industry reviewed; a group of our distinguished engineers will review your report and video and depending on their assessment, the finalists will be determined.

Section 1: Refined Project Description (*approx. 1/2 a page*) you need to consider that the reviewer hasn't seen your 1st phase abstract and you need to brief him/her with all the below information.

- 1.1. The problem addressed specifically in this project and its importance.
- 1.2. Project scope and expected outcome
- 1.3. List and explanation of any changes/adjustments made relative to the abstract report.

Section 2: Refined Project Plan (*approx. 1 page*)

- 2.1. Detailed schedule and milestones (clearly show current status, progress, and issues)
- 2.2. Team structure and detailed roles/responsibilities of each member
- 2.3. Contingency and risk mitigation plan
The purpose of the plan is to reduce the damage of the risk when it occurs. A good contingency plan should include any event that might disrupt operations.

Section 3: System Requirements (*approx. 1 page*)

- 3.1. Requirements Elicitation Process:
 - a) Description of the processes that were actually used for: requirements elicitation, analysis, prioritization, and change management.
 - b) List and categorization of system stakeholders, users, and clients.
 - c) Challenges encountered [and lessons learned] during the requirements gathering, analysis, and prioritization phases
- 3.2. System Requirements List:
 - a) Functional requirements
 - b) Non-functional requirements

Section 4: System Design (*approx. 1 page*)

- 4.1. High level system architecture, data flows, etc
- 4.2. User interfaces, if any
- 4.3. Algorithmic components, if any
- 4.4. Innovative aspects of the design

Section 5: System Implementation (*approx. 1 page*)

- 5.1. Hardware and software platforms
- 5.2. Hardware and software development tools, languages, etc
- 5.3. Modules/components acquired from external sources (e.g., open source, licensed commercial/trial products, university/departmental resource libraries, etc)
- 5.4. Innovative aspects of the implementation

Section 6: Other Relevant Issues and Challenges (*approx. 1/2 a page*)

- 6.1. Technical

6.2. Other