# Project Requirements

## Constraints

* Work without an internet connection
* Fit on a display 2’x2’x2’
* Have educational value

Criteria

* Software Coding Practices
  + The project was extremely well developed and followed general software coding practices (requirements, design, implementation and testing).
* Complexity
  + The software design is complex, resulting in a highly functional product.
* Creativity
  + The work exudes creativity; the product is highly original.
* Technical Skill
  + The software exhibits mastery of software design skill that few at this level possess; the software flow is consistent and logical
* Effectiveness
  + The solution to the problem is clear in the software design; the solution is at the forefront of software creation.

Presentation Criteria

* Organization
  + The presentation is logical, organized and effective.
* Knowledge
  + There is clear evidence that all team members have a thorough understanding of the concepts presented in their project.
* Articulation
  + The team provides a concise, logical, and clear explanation of its project.
* Delivery
  + The team is well-spoken and interview; participants’ posture, gestures, and eye contact result in a polished, natural, and effective delivery.
* Team Participation
  + All team members fully understand the concepts of the project and share an equal role in answering judges’ questions.
* Software Demonstration
  + Team members are successful and effective in their project demonstration.