# 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.