

Engineering

CAD & model work,
engineering analysis,
simulation, testing,
validation &
improvements

Software:

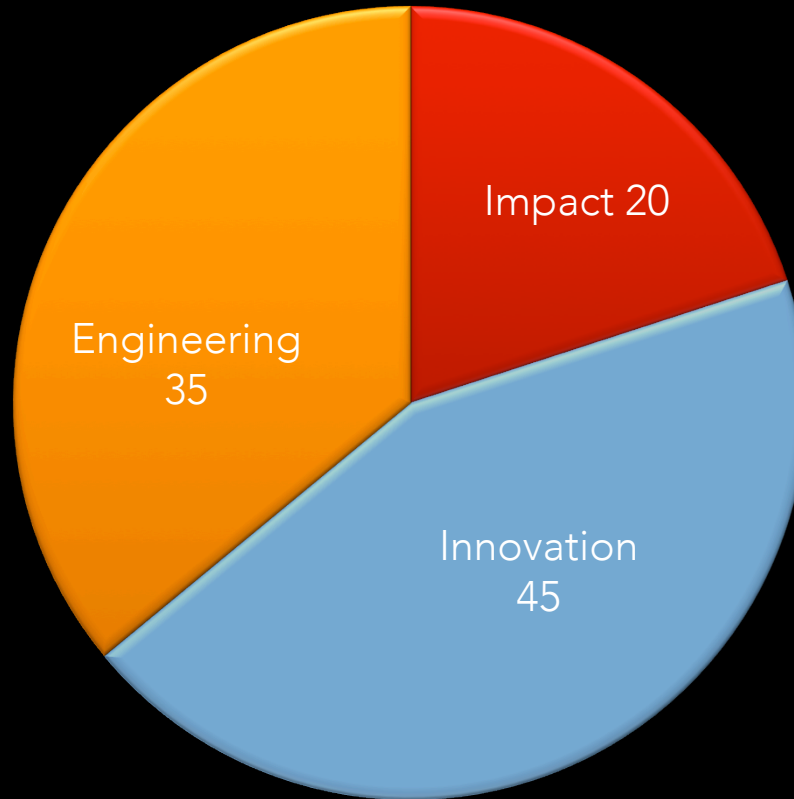
Algorithms & flow
charts, inner loops, key
code blocks/functions,
run times on your
target platform,
performance
comparison to
competition, language
choice, etc.

Innovation

Prototypes, newness,
uniqueness,
refinement, initial
creation

Impact

- i. the size of the potential population (or market) affected by the innovation
- ii. the magnitude of the problem the innovation addresses (pain it resolves)
- iii. the extent of the disruption or transformation the innovation has on existing solutions / approaches



SIOY Judging Rubric

