Go Code Colorado 2019 Product Track Technical Evaluation Criteria

User Experience (30%)	
The product has no working defects and is user friendly, and the experience is interactive and displays dynamic data.	4
The product is built to a working product standard, can be navigated, but has minor bugs. Data experience is interactive and displays dynamic data.	3
The product is built to a working product standard, but is not easily navigated and has many bugs and/or is missing key features. Data experience is interactive with static data.	2
The product is difficult to navigate, and the design makes it difficult to add features. Data experience is static.	1
The product is not functioning or available on any test or live server, app store or embedded on a website. No data displayed.	0

Sustainability (30% of total score)	
Product is built on software or platform with active support and requires no manual updates. Examples: Angular 1 vs 2 or NodeJS 0.10 vs LTS. Product is designed for scale-ability.	4
Product is built on software/platform/libraries with active support and requires minimal manual updates. Product is inherently scale-able.	3
Product is built on software or platform that is no longer supported/deprecated. Scale-ability would require future modification to accommodate changes.	2
Product is built on software or platform that has been forked/modified from supported/original source. Scaling project would require extensive overhaul of product.	1
Product corrupted without frequent maintenance, and/or code is not properly licensed. Not scale-able.	0

Functionality (20% of total score)	
The product is completely functional and responds correctly under all functional tests producing the correct responses and the data is represented correctly.	4
The product is mostly functional and responds correctly under all functional tests producing the correct responses and the data is represented correctly with acceptable obfuscation.	3
The product is marginally functional with numerous errors. The product may respond correctly under certain circumstances, but there are significant errors, incomplete code sections, or the data representation is obfuscated.	2
The product is minimally functional with significant portions of the code missing or incomplete. The product is largely non-responsive to most functional tests, and the data representation is clearly incorrect or otherwise distorted.	1
The product is not functional, meeting no significant design specifications, and/or the interface does not display data.	0

Logical Structure and Documentation (20% of total score)	
Documentation and code are extremely well organized, properly formatted, without spelling/grammar errors and related code sections are logically grouped. Data is optimally stored, organized as appropriate with well documented data schema.	4
Documentation and code are easy to follow with logical groupings of related code, but minor formatting problems. Data stored in web server/file system, data architecture documented. Or inversely, data is optimally stored but no documentation.	3
Documentation and code are readable only with significant effort, and there is little to no formatting and/or significant problems with its organization. Data is only available on a local machine, and updates are manual. Data architecture is poorly documented.	2
Documentation and code are poorly organized and difficult to read without consistency in formatting and logical code grouping. Data setup logic is unclear, and no data architecture documentation.	1
Documentation and code are readable only by someone extremely knowledgeable with its layout and purpose. No data use.	0