

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	3
displays dynamic data.	
The product is built to a working product standard, but is not easily navigated and has many bugs and/or is missing key	2
features. Data experience is interactive with static data.	
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	4
NodeJS 0.10 vs LTS. Product is designed for scale-ability.	
Product is built on software/platform/libraries with active support and requires minimal manual updates. Product is	3
inherently scale-able.	
Product is built on software or platform that is no longer supported/deprecated. Scale-ability would require future	2
modification to accommodate changes.	
Product is built on software or platform that has been forked/modified from supported/original source. Scaling project would	1
require extensive overhaul of product.	
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	4
the data is represented correctly.	
The product is mostly functional and responds correctly under all functional tests producing the correct responses and the	3
data is represented correctly with acceptable obfuscation.	
The product is marginally functional with numerous errors. The product may respond correctly under certain circumstances,	2
but there are significant errors, incomplete code sections, or the data representation is obfuscated.	
The product is minimally functional with significant portions of the code missing or incomplete. The product is largely	1
non-responsive to most functional tests, and the data representation is clearly incorrect or otherwise distorted.	
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	4
code sections are logically grouped. Data is optimally stored, organized as appropriate with well documented data schema.	
Documentation and code are easy to follow with logical groupings of related code, but minor formatting problems. Data	3
stored in web server/file system, data architecture documented. Or inversely, data is optimally stored but no documentation.	
Documentation and code are readable only with significant effort, and there is little to no formatting and/or significant	2
problems with its organization. Data is only available on a local machine, and updates are manual. Data architecture is poorly	
documented.	
Documentation and code are poorly organized and difficult to read without consistency in formatting and logical code	1
grouping. Data setup logic is unclear, and no data architecture documentation.	
Documentation and code are readable only by someone extremely knowledgeable with its layout and purpose. No data use.	0