Go Code Colorado 2020 Business Application Track Scoring Criteria

Overall Score

Total Points Available	Application Category	Application Category Description
40	Data	Adding value up the scale of data use: increasing accessibility, combination, analysis.
20	Quality	The market ready tool is an MVP: functional, logical, sustainable, scale-able, and has a well designed user experience.
20	Innovation	The originality of the application's ability to solve a business problem or produce beneficial insights.
10	Implementation	Effectiveness of the market ready tool in aiding the business in gathering information from the data.
10	Presentation	Clear, concise, and engaging conveyance of the problem and how the product helps the business to their solution.
Total: 100		

The **Data** and **Quality** components are scored according to the sub-categories explained below.

Data Score Breakdown

Sub Category	Description	Points Awarded

Data Innovation	You add value through both connecting discrete data sets and analyzing the combined data to create new insights that you deliver to a business decision-maker to help with a decision-making process.	16
	You add value by analyzing public data and creating new insights that you deliver to a business decision-maker to help with a decision-making process.	12
	You add value by connecting discrete data sets. You process and deliver public data to a business decision-maker with a relational connection so that it is useful for a business decision-making process.	8
	You add value by providing accessibility. The app delivers public data to a business decision-maker in a meaningful way so that it is useful for a business decision-making process.	4
	No value added to the data.	0
Data Integration	The data is clearly visible in the code via API or platform/database integration and functions properly.	8
	The data is integrated, but not well defined or documented; data generally works as expected.	4
	Data not integrated into app or used for analysis.	0
Data Presentation	The product displays the data (or data aggregation) in a clear and efficient format.	8
	The data presentation is unclear or confusing	4
	There is no clear use of data	0
Data Documentation	A data diagram/documentation is provided that makes the data use clear	8
	The usage of data is visible but is unclear or poorly documented	4
	There is no clear use of data either via code or documentation	0

Quality Score

Sub Category	Description	Points Awarded
User Experience	The product has no working defects and is user friendly, and the experience is interactive and displays dynamic data.	6
	The product is built to a working product standard, can be navigated, but has some bugs. Data experience is interactive and displays dynamic data.	4
	The product is difficult to navigate or hard to understand. Data experience is minimal	2
	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	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.	6
	Product is built on software/platform/libraries with active support and requires minimal manual updates. Product may not be easily scaled.	4
	Product is built on software or platform that has been forked/modified from supported/original source. Scaling project would require extensive overhaul of product.	2
	Product corrupted without frequent maintenance, and/or code is not properly licensed. Not scale-able.	0
Functionality	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	2

	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 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	Documentation and code are extremely well organized, properly formatted, without spelling/grammar errors and related code sections are logically grouped. Data is optimally stored, has a well documented schema and Data Architecture Diagram.	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 Diagram. 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 updates are manual, and. Data Architecture Diagram 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 Diagram.	1
	Documentation and code are readable only by someone extremely knowledgeable with its layout and purpose. No data use.	0

Innovation Score

Description	Points Awarded
A new and different way has been created that provides businesses with resources through a tool that helps them improve themselves, their community, or their environment.	20
A better way to provide businesses with resources has been created that helps businesses improve themselves, their community, or their environment.	10
The product created is not new and does not improve businesses.	0

Implementation Score

Description	Points Awarded
The product is highly effective in facilitating a business in gathering insights from data.	10
The product is moderately effective in facilitating a business in gathering insights from data.	5
The product does not effectively facilitate businesses in gathering insights from data	0

Presentation Score

Description	Points Awarded
Clear, concise, and engaging conveyance of the product and how it helps the business to find solutions.	10
Product is presented, but with moderate clearness and conciseness in a moderately engaging manner.	5
No presentation	0