

## **Mines Capstone Proposal: Metrics Dashboard for Sales and Business Development**

### Overview:

The objective of this project is to perform an extensive set of updates to our business metric dashboard. The dashboard is currently used by client, sales and business development teams in order to visualize usage of Regis' products and make strategic decisions for the business. The dashboard back-end is primarily built using a number of Javascript logic functions and the front-end is hosted using Google Firebase. The team will be composed of 3 to 5 students. The project is expected to run from May 15<sup>th</sup> – June 16<sup>th</sup>, but project scope may be adjusted pending final team size and overall velocity.

### Project Deliverables:

**Back-end overhaul:** The team will rework the existing back-end functionality to utilize our latest metric provider services. Currently functionality will be better codified in order to allow for easier maintenance and better versatility of needed features in the future.

**Front-end overhaul:** The team will update existing graph functionality to utilize new back-end processes and add additional charting features pending team velocity.

**Documentation:** The team will create documentation for back-end and front-end functionality along with an updated metric glossary.

### Requirements/Recommendations:

Experience with object-oriented languages (Java, C++) is highly recommended as the testing suite will be organized using class-based structures.

Knowledge or experience with scripting languages such as Python and JavaScript is recommended, but not required.

Knowledge of JavaScript frameworks such as Nodejs, Nivo Rocks or Google Firebase is a huge plus, but not required.

### About Regis:

The Regis Company is a SaaS company building AI tools to accelerate the design and development of experiential learning. Headquartered in beautiful downtown Golden, Colorado, we deliver products with global reach. To date, we've empowered over 1.2 million learners across six continents and earned more than 50 awards, including Best Advance in Leadership Simulation Tools, Excellence in Executive Education, Best Advance in Gaming or Simulation Technology, and so much more. From building your own simulations to off-the-shelf solutions, we uniquely empower learning leaders to easily create and deliver learning solutions perfectly aligned with their learning objectives.