Real-Time Online Scoreboard

Mid-Year Project Status Report

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# Executive Summary

# Project Description

This project is a Research and Development project assigned by the Computing and Information Sciences Faculty of Auckland University of Technology (AUT). Dr. Robin Hankin, a lecturer at AUT, proposed the project on behalf of the Auckland Mathematics Association (AMA), who are key stakeholders in the project.

Dr. Hankin has asked that we provide an in-depth feasibility study and at least a presentable prototype for a real-time online scoreboard to be used during MATHEX events run by AMA. This scoreboard would be used alongside the current pen-and-paper system, and aims to improve the experience that audience members have during the event, by allowing them to view the scores of each team as the competition is underway.

The feasibility study, along with all other project documentation, should provide enough information that another group of students could carry on with the project at a later date. The prototype can be presented to AUT faculty to show evidence of our development skills, as well as provide a working version of the solution for the AMA’s consideration.

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