**Distributed Systems Job Scheduler Using Largest Available Server**

Luke Glover

Jarrod Adair

Frederick Jack

**Introduction**

Introduction (½ page): What this project (focusing on Stage 1) is about, including the goal of the project and Stage 1.

**System Overview**

System overview (½ page): high-level description of the system (both client-side simulator and server-side simulator with the focus being your client-side simulator), preferably, with a figure (your own, not one in ds-sim User Guide) showing the workflow/working of the system.

**Design**

Design (1 page): design philosophy, considerations and constraints, functionalities

of each simulator component focusing on the client-side simulator.

**Implementation**

Implementation (2 pages): brief description of any implementation specific information including technologies, techniques, software libraries and data.

structures used. How each of components/functions of your simulator is implemented including who oversees which function(s) and how they have led the design and development.

References including project git repository/wiki, e.g., GitHub and Bitbucket.

\* The numbers of pages for each section are also a suggestion.