**On the Management and Efficiency of Cloud Based Services (236365)**

**Winter 2010-2011**

Load Balancing Using Prioritized Job Replication Simulation

### Project Report

# Submitted by:

###### Asi Bross

###### Assaf Israel

###### Eli Nazarov

### Table of contents:

[1 Project Description 3](#_Toc255069077)

[1.1 Purpose 6](#_Toc255069078)

[1.2 Main Goals 6](#_Toc255069079)

[2 Detailed Description 14](#_Toc255069090)

[2.1 Class Diagram 14](#_Toc255069091)

[2.2 Configuration 14](#_Toc255069092)

[2.3 Event Generator 16](#_Toc255069098)

[2.4 Server 16](#_Toc255069099)

[2.5 Statistics Collector 17](#_Toc255069100)

[3 Results 14](#_Toc255069090)

[4 Conclusions 14](#_Toc255069090)

# Project Description

## Purpose[Eli]

## Main Goals[Eli]

# Detailed Description

## Class Diagram [Asi]

## Configuration[Assaf]

## Event Generator[Assaf]

## Server[Asi]

## Statistics Collector[Eli]

# Results[Assaf]

# Conclusions