**Assignment – MEAN Stack Application**

COMP 3123 Full Stack Development (Fall 2018)

Due December 7th – 20% of Final Grade

**OBJECTIVES**

This document contains a specification of the course assignment. It is a task where students practice skills to build a full stack web application using all the technologies offered by the MEAN Stack. This task will also include, working together in a group developing the project, plan, manage and coordinate development activities, present the work done effectively to a deadline.

# Team Information

Teams will consist of one to two students (with two being the target number) and will be submitted to your lab instructor.

# Specification

The application for the project will be a choice of either the ***Video Store*** or the ***Gamer Lobby*** applications.

# Submission

You are asked to submit following components:

1. MEAN full stack application

This project is expected to compile and run. Do not upload the Node Modules folder, only a valid package.json is required to install dependencies.

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| **Specification** | **Percentage** |
| Backend Server (Node.js, Express, MongoDB) | 45% |
| Front End Application (Angular) | 40% |
| Unit Testing (Mocha, Protractor) | 5% |
| UX/UI Design | 5% |
| Clean Code and Clarity | 5% |

# Bonus

Bonus marks will be awarded for the following completed items. Note: this is only applicable where the project mark is less than 100%

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| **Specification** | **Percentage** |
| Implementing CRUD operations for Additional Admin View (Customer or Games) | 3% |
| Paging for Grid Tables in Listing Views | 2% |
| Image Upload and Display | 5% |
| Authorization/Authentication with JWT Token | 5% |