**CMPT 370 D1**

**DEPLOYMENT REPORT**

Dec 3, 2016

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# 1 INTRODUCTION

This document is designed to give a report on the deployment status of the Robot Game system.  It will include a description of unmet requirements, changes in the design of the system, and a description of remaining bugs at the time of release.

## **TEAM MEMBERS**

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Dimaano, Nico | Developer / Tester |
| Neijmeijer, Niklaas | Developer/  Tester |
| Seidenthal, Kyle | Developer / Tester |
| Sterma, Brendon | Developer / Tester |
| Zang, Jiawei | Developer / Tester |

# 2 UNMET REQUIREMENTS

1. Communication with the Robot Librarian

We were unable to secure enough time to begin working on communication between the Librarian and our system. This feature was cut because it was the least important feature that we could be spending our time implementing and was not critical to running the game. JSon files that are manually downloaded could still be read.

2. Reading and processing AI files

We began implementation on reading the Fourth code from the JSon file. We began implementation later than anticipated because we did not have access to a sample file in order to begin. As a result, the only method we were able to come up with in the timeframe was far to lengthy to implement given the remaining amount of time we were given and was cut in favour of other systems that were more critical and were closer to being finished.

3. Reading and writing statistics from JSon files

The code exists to read and write statistics from and to JSon files, but we did not have an opportunity to build a method to update the files and record statistics mid-game. Time was a factor and the function was not deemed important enough to prioritise.

4. Observer Implementation

The Observers were implemented but there were multiple bugs in the code that came with it. Many of these bugs are unsolved and no enough time is enough. We were unable to find a cohesive way to fit the observer transformation into our environment in time.

# 3 DESIGN CHANGES

The design of the project has changed to accommodate the omitted functionality listed above, as well as implementing several new functions to better improve the system.

# 4 REMAINING BUGS

Aside from the unimplemented classes and functionality listed above, we have encountered few remaining bugs.

Entering an IP address that is not valid will crash the client.

Will crash if two people with same username enter match.