KASPER – ID5 PROCESS DOCUMENTATION

SOFTWARE DEVELOPMENT TEAM:

Project Manager: Tushita Patel

Dev Lead: Kristof Mercier, Dylan Prefontaine

Test Lead: Jeremy Liau

Build Manager: Christopher Mykota-Reid (ChrisMR)

Developers: Gaurav Arora, Haotian (Justin) Ma, Melody (Tian) Zhao

Test Team: Christopher May (Chris May), Ryan Tetland

Documentation: Arianne Butler

Contents

[1.0 Task Assignments 3](#_Toc478848396)

[2.0 Activity Log 3](#_Toc478848397)

[3.0 Bug Party 3](#_Toc478848398)

[4.0 Risk Assessment 3](#_Toc478848399)

[4.1 Technical Risks 4](#_Toc478848400)

[4.2 Non-Technical Risks 4](#_Toc478848401)

[4.3 Materialized Risks 4](#_Toc478848402)

[5.0 Meeting Notes 4](#_Toc478848403)

# 1.0 Task Assignments

**Dev Team**

* Below are the links to our front and back-end Trello boards, respectively. These outline the ID5 task assignments for the dev team. You will be prompted to sign in to view these boards. Each card is accompanied by a time estimate as approximated by the dev leads.

Front-end: <https://trello.com/b/S2XiqLAm/dev-id4-front-end>

Back-end: <https://trello.com/b/m9OtfvS1/dev-id4-back-end>

**Test Team**

* Jeremy

**Documentation**

* Organization, compilation, and editing of documentation: Arianne

# 2.0 Activity Log

The following link leads to our term schedule. Click on the “**Individual Activity Log**” tab at the bottom for our group activity log, as well as the group member contribution pie chart. This section also indicates which tasks were completed via pair programming. Click on the “**Activity Log Totals**” tab to see the summary of hours for each group member. In the “Activity Log Totals” sheet, you will also find a section that displays the percentage of hours worked that have been peer reviewed by at least one other group member. Currently about 45% of hours worked has been peer reviewed.

Note: we are currently experiencing difficulty with this link and you may need to copy and paste it into your web browser.

[https://docs.google.com/spreadsheets/d/1g3CfvlI1erdg2zaHZlVyh6uQ-rYQ6L5Cay0YIn2UETk/edit#gid=0](https://docs.google.com/spreadsheets/d/1g3CfvlI1erdg2zaHZlVyh6uQ-rYQ6L5Cay0YIn2UETk/edit%23gid=0)

# 3.0 Bug Party

**Date**: Wednesday, March 15th /17 @3:30 p.m.

**Location**: S371 and S372

The second bug party was held at the start of ID5, right after the feature freeze. This allowed us to dedicate ID5 to bug fixes and clean-up. The team split in two with a fair distribution of testers and developers.

A Bug Party Expectation Document was provided to all team members priori to the bug party. Two Trello Boards (linked below) were created for the two groups to report and track their bugs.

<https://trello.com/b/qoRs0fZe/bug-party-ii-s371>

<https://trello.com/b/hr5Kx51d/bug-party-ii-s372>

**Discovered STI Format**:

The format of the report (to be placed in the Trello card) is:

Title:

Priority: (rate 1-4, 4 being high)

Severity: (Data loss, Major functionality, or Minor functionality)

Reproduction formula: (Step by step how to get there)

Area of the project: (Front-end, back-end, both, or unknown)

Person opened by: (Your name)

**Trello Board Bug Categories**:

1. Important - All sanitized bugs will be moved to this list after the bug party by the test lead.
2. In progress - All sanitized bugs deemed high priority and high severity.
3. Resolved - Fixed bugs are moved here by the developer once they think that they have fixed the problem.
4. Closed - The testers should move the fixed bugs to the Closed stage once they agree with the resolution and decide to close it.

**Bug Party Statistics**:

* Group 1 discovered 25 STIs, of which 21 were sanitized.
* Group 2 discovered 32 STIs, of which 25 were sanitized.
* There was a total of 17 overlapping STIs, of which 13 were overlapping sanitized bugs.

**Bug Estimate**:

Bug Estimation Formula: (Number of Defects from Group A) \* (Number of Defects from GroupB ) / number of overlaps

= 21 \* 25 / 13

~ 40 defects

# 4.0 Risk Assessment

Introduction

Risks are divided into two categories – technical and non-technical. Technical risks are related to the construction and design of our code, and non-technical risks relate to team management, such as group structure and client communication. For each risk identified, this risk assessment will provide estimates for probability of occurrence and severity, possible scenarios that could cause the risk to materialize, and mitigation and contingency plans. This report also contains a section dedicated to materialized risks and their effect on our project.

## 4.1 Technical Risks

* Ryan

## 4.2 Non-Technical Risks

## 4.3 Materialized Risks

The following section describes the ID4 materialized risks. Each materialized risk will be accompanied by a description, a plan for resolution, and its effects on the project.

# 5.0 Meeting Notes

There were 2 group meetings for ID5, and frequent stand-ups both before class and via Slack. The following link contains our documented meeting notes and pre-class stand-ups:

<https://github.com/CMPT371Team1/Documentation/blob/master/Meetings/371-MeetingNotes.docx>

For frequent online stand-ups, see our “stand-ups” channel on Slack:

<https://cmpt371group1.slack.com/messages/C43K3962J/>