**Risk Management Table**

**Super Mountaineer Brothers**

**March 8, 2010**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk #** | **Issue** | **Risk Area** | **Response** | **Impact** | **Probability** |
| R-01 | Development machine crash/loss of source code. | Technical and Project | All group members will save their project source code to our Git-hub repository as advances are made. | V. High |  |
| R-02 | Application is too CPU intensive | Technical | We will perform testing regularly to make sure there are no resource issues. If we run into any, we will rework our algorithms to be on a lower big-O scale. | Medium |  |
| R-03 | Loss of a team member, and their intellectual property. | Technical | All team members will regularly discuss their contributions to the project, as well as participate in code reviews. | High |  |
| R-04 | Copyright infringement issues of Super Mario Brothers. | Technical and project | We will not distribute source code to anyone outside of the group, nor will we market the game for profit. | V. High |  |
| **Emerging Risks** | | | | | |
| R-05 | Design is not approved by our stakeholders. | Technical, Project | We will request feedback from our stakeholders after they have read our design specification. If the stakeholders do not approve our design specification, we will make the necessary changes to have our design approved. | V. High |  |
| R-06 | Change to the scope of the project because of unreachable goals. | Technical, Project | We will have internal discussions about our progress and the amount of time left to complete the project. If we feel that there is no feasible way to deliver the product on time in its entirety, we will adjust the scope accordingly. | High |  |
| R-07 | Insufficient knowledge of required materials to complete the project properly. | Technical; project | All group members are to read about the significant technologies related to the project regularly to keep themselves up to date with the latest breakthroughs and ideas which could be useful to the project. | Medium |  |

**Appendix A**

**Risk Table Explanation Summary**

**Risk Impact Key**

**\*The impact of the risk will never change, but the probability of the risk occurring can change in a**

**given period\***

**Risk Probability Color Key**

The relative likelihood that the risk will occur is low.

The relative likelihood that the risk will occur is high. The risk is imminent.

The relative likelihood that the risk will occur is medium. Proceed cautiously.