**Risk Analysis**

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| Description of risk | Severity | Chance Of Occurrence | Analysis and solutions |
| Hard drive/Storage failure | Medium | Low | All work should not only be saved in more than one place but should also be uploaded to the repository. If these steps are followed then storage failure should have a minimal effect on the project if it were to occur. |
| Missed Deadlines holding up other parts of project | Medium | High | All Group members should strive to meet deadlines, however missed deadlines are a high possibility as it is unlikely everything will go exactly to plan. The group will need to be flexible in order to work around this.  Additionally all deadlines should be approved by the whole group so that everyone feels likes they are obtainable. |
| Long Deadline for project could mean a lack in early productivity or a dip towards the middle of the project. | Medium | High | The main way this will occur is if long deadlines are set for tasks, such as saying that a large part of the website needs to be done in a month. To minimize this we will attempt to set more smaller shorter deadlines, so instead of making a full page in a month set a deadline of a week for the search function then after that another week for the page content etc. This should productivity more consistent. |
| Long Hours in Library could be detrimental towards the health of group members. | Low | Medium | No group member should spend more than 12 hours in a single day in the library, and should have regular breaks from work to walk around and get fresh air. |
| Drop in quality towards end of project. | Medium | Medium | If deadlines are getting close and things are not yet done then quality can begin to drop and style rules could begin to slip. To avoid this we will try to keep work consistent and as mentioned above shorter more concise deadlines will also help quality as group members will be focusing on one individual task. |
| Errors missed during testing. | Medium | Medium | All features should be tested by every member of the group at some point to make sure that everyone agrees that the code is as error free as possible. |
| Group member absence due to illness. | High | Low | If a group member where too become ill and be unable to work a long or even short amount of time it could cause the project to fall behind schedule. Deadlines and meetings to attempt to be planned as to mitigate the impact this will have if it was to occur. |