Risk Assessment

Identification Number	Risk	Score (likelihood * impact)	Mitigation
1	One of our team becomes ill and is unable to do their portion of the work. (normal work)	0.04 (0.4 * 0.1)	There should be at least 2 people who can do any one task. Everyone should know what each team member is doing. We shall create a work schedule to keep track of who is working on what.
2	One of our team becomes ill and is unable to do their portion of the work. (critical work)	0.24 (0.4*0.6)	All critical code should be stored online and should be committed and synced regularly. At least one other person should be informed when a person is working on critical code.
3	A computer component fails, destroying/ deleting all the work.	0.001 (0.001*1)	All code should be stored on github and should be committed and synced regularly. A local copy should also be stored. All documents should be stored on google drive where possible. We cannot find an example of google drive failing and losing data, so we think that this is a good way of mitigating this possibility.
4	The "customer" becomes unavailable to talk to, through illness, maternity/paternity leave, holidays etc.	0.0001(0.2*0.0005)	The "customer" should be reachable through multiple contact means (email, phone not just in person). Also we should have backup contact who we can talk to about the project.
5	Github pages fail/ becomes unavailable.	0.0006(0.001*0.6)	We have an alternate web server available for use. However it would take about 24 hours to update the DNS records (we are hosting the website on github). We will also have locally stored copies of the code.
6	Change of requirements for the software	0.15 (1*0.15)	All software written should be as modular as possible,

			allowing easy updating of code. Code should be commented to help maintain it. Documentation should be extensive.
7	The system requirements are not properly identified/ incorrect requirements.	0.06 (0.3 * 0.2)	We have spent a relatively large amount time defining our requirements, the ambiguities have been discussed with the "customer" and settled. A report of the requirements has been sent to the customer for a final check before being implemented.We believe that this will mitigate the risk. We have also made sure that there are no conflicting requirements in our requirements documentation.
8	The project may use software that has not been used by any of the team members before.	0.18(0.6*0.3)	We are implementing the project in java which all of the team have previous experience with, this was chosen over our alternative of using c# and javascript as we felt that the extra experience would benefit the team and reduce the risk of us failing the project. We also all have experience with Java IDE, eclipse, as opposed to the alternative, Unity, which nobody had used before.
9	Poor productivity	0.2 (1*0.2)	We have made sure that the first thing that we did on the project was teambuilding. This will hopefully allow us to function better as a team and to make us more motivated for the project.
10	Customer forgets what they asked for and does not like the finished project	0.2 (1*0.2)	We have made sure to record our interview with the customer as to protect ourselves against this possibility.