**Risk Assessment – SaveALife**

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**Risk** **Score**: **6**

**Risk: Tight Scheduling**

To mitigate the problem, we must focus on highly effective planning. It will be important to ensure that the project hits the criteria of an MVP before concerning ourselves with additional features. Sometimes, things like bank holidays may effect the total hours of work or preparation for the project.

**Risk Score: 4**

**Risk: Technical Difficulties**

This problem could only be mitigated by taking the time to prepare back-up systems and methods. For example, if a computer isn’t working, maybe we use a laptop. If there’s a possibility our connection could fail, we need a back-up service in place for that.

**Risk Score: 6**

**Risk: Inaccurate estimations**

This may fall slightly in the range of tight scheduling. However, it is important to note that if we do not correctly estimate the timing of our actions, we may introduce new issues. On the other hand, we may incorrectly assume the correct software requirements for a given task, taking us back to the planning stage or presenting poor solutions.

**Risk Score: 4**

**Risk: Poor Quality code**

It is particularly important to try to mitigate this issue on a project conducted by an individual, myself in this case. Having the input of only one developer can create a very tunnel visioned approach with a variation of issues. To mitigate the problem, I collaborated with some of my peers and considered their ideas.

**Risk Score: 6**

**Risk: Poor Productivity**

Whilst being lazy is unacceptable, poor productivity can also occur because of burnout. It is possible that overworking without regular breaks can create issues for the developer. Potentially, this could lower the quality of their code or prevent them from moving forward and hitting scheduling targets. To mitigate this, it is important that the developer sticks to a plan and considers their personal time carefully alongside this plan. Taking regular breaks allows a person to work more effectively.