CSC3003S Capstone Project — Stage One

Risk [30 Marks]

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| Project Abbrev & Name | Returner2 | Client/Supervisor + email | Hussein Suleman |
| Date | 25 August 2017 | Tutor + email | Michael Harrison |
| Team Members |  |  |  |

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| **Risk Condition [1]** | **Consequence [1]** | **Cat** | **Prob [½]** | **Impact [½]** | **Mitigation [1]** | **Monitoring [1]** | **Management [1]** |
| Program works but too slowly | Takes too long to process and hinders productivity | Usability | Medium | Marginal | Avoid effective but computationally heavy APIs | Constantly test algorithm speed and modify if necessary | Revise algorithm to perform more efficiently |
| Program is highly DPI sensitive | Only works with specific DPIs/Scanners | Usability | Low | Critical | Design a flexible algorithm to allow for different settings | At each stage of the software development, ensure DPI/Scanner flexibility | Restrict settings on scanners to only work at the specific DPIs |
| Requirements susceptible to change | Not all requirements met | Development | Low | Marginal | Clearly define requirements at the outset | Re-consult with client before development | Meet fundamental requirements |
|  |  | Human Resources |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Protests | Development and testing processes compromised | Environmental | High | Critical | Unavoidable | Monitor social media protest pages | Implement remote repository |

### Instructions

1. Complete the table with realistic risks to get marks.
2. You need at least 5 risks, you may have more.
3. Remove these instructions from your submission on Vula.

### Follow-up

1. Bring this document to your next meeting with your client (or email it beforehand) and ask if it adequately accounts for possible issues.
2. Resolve and note the solutions to any issues.