**PROJECT RISK PLAN**

**Project: AI Customer Analyzer**

**Group: 19**

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| Release: February 2023 | | |  | | |
| Date: 17 February 2023 | |  | | | |
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| **PRINCE2** | | | | |  |
| Author: Haritha Thavarajah (Risk Manager) | | | |  | |
| Owner: Dr. Yasas Jayaweera (Project Executive) | | | | |  |
| Client: DreamSpace (Private) Limited  Project Manager: Gunarakulan Gunaretnam (2208408)  Startup Manager: Sangeetha Thangavadivel (2135801)  Risk Manager: Haritha Thavarajah (2211320)  Schedule Manager: Mathumitha Arasakulasoorian (2211336)  Quality Manager: Delaxsan Raj Sathiyanesan (2211294) | | | | |  |
| Document Ref: Project Risk Plan Group 19 | | | | |  |

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| **ID** | **Description** | **Category** | **Probability** | **Impact** | **Severity** | **Mitigation** | **Owner** | **Status** |
| R001 | Inaccurate prediction of age range, gender, and mood of visitors | Technical | Moderate | High | 8 | The system uses a high-quality camera and regularly updates its machine learning models | AI Developer | Open |
| R002 | Failure of the system to recognize visitors wearing masks | Technical | Low | High | 6 | Ensure the system is trained on images of visitors wearing masks and regularly updates its machine learning models | AI Developer | Open |
| R003 | Failure of the system to detect visitors entering the premises | Technical | Low | High | 6 | Ensure the system is placed in a location with clear visibility and has the appropriate lighting and camera settings | Installation Team | Open |
| R004 | Visitors not willing to provide personal information such as age or gender | Business | Moderate | Moderate | 4 | Provide the option for visitors to opt-out of providing personal information | Project Manager | Open |
| R005 | False alarms triggered by the system, resulting in unnecessary intervention | Technical | Low | Moderate | 3 | Ensure the system uses a high-quality camera and machine learning models that are trained on a diverse range of scenarios | AI Developer | Open |
| R006 | Data privacy concerns regarding the collection and storage of personal information | Business | Moderate | High | 8 | Ensure the system is compliant with relevant data protection regulations and obtains visitors' consent to collect and store their information | Project Manager | Open |
| R007 | Delay in the delivery of the project due to technical difficulties | Technical | High | High | 12 | Ensure regular communication and progress updates with the client, and adjust the project timeline as necessary | Project Manager | Open |
| R008 | Technical failure of the system | Technical | Low | High | 6 | Regularly test the system and ensure there is a backup plan in case of system failure | Technical Team | Open |