| **RISK LOG** | | | | | | | | | | | | | | | **FORM [029]**  **Ref: Version: 1.0** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Programme: SPPM** | | | **Project:**  **Web application assisted with an Artificial Intelligence Based Chatbot for SKANDA by Sarasi Samarasundara.** | | | | | | | | | | | | **PRINCE2** |
| **RISK IDENTIFIER:**  **[0001]** | | | Description:  Team members not being able to perform their duties due to covid-19 infection. | | | | | | | | | | | | Risk Category:  Medical |
| Probability:  6/10 | | | Impact:  This affects the smooth continuation of the project, which will delay the system deployment. | | | | | | | | | | | | Proximity:  High |
| Countermeasures:  Continue to use virtual approaches for conferences and cloud services to continue the work. Reassign the allocated responsibilities to another group member or distribute the tasks among all available members if a team member gets infected with Covid-19. | | | | | | | | | | | | | | | |
| Owner:  Madapathage Don Kanishka Gimhan | | | Author:  Madapathage Don Kanishka Gimhan | | | | | Date Identified:  *02/19/2022* | | | | | Date of Last Update:  *02/19/2022* | | Current Status:  Reduced |
| **RISK IDENTIFIER:**  **[0002]** | | | Description:  Planned technology stack might not support all the features that are in the scope. | | | | | | | | | | | |  |
| Probability:  4/10 | | | Impact:  So far, this shouldn’t be an issue. But there are some incompatibilities that can only be identified while developing the system. | | | | | | | | | | | |  |
| Countermeasures:  This can be mitigated by either changing the technology stack or by adjusting the scope to what’s technically feasible with the current technology stack. The decision on which mitigation to use will be decided based upon the impact it has on the already completed work. | | | | | | | | | | | | | | | |
| Owner:  Madapathage Don Kanishka Gimhan | Author:  Adithya Narasinghe | | | | | | Date Identified:  *02/19/2022* | | | | | Date of Last Update:  *02/19/2022* | | Current Status:  Reduced | |
| **RISK IDENTIFIER:**  **[0003]** | Description:  There might be scenarios where the team might be constrained due to the approach used to implement the system. One such example is the use of many plugins to create the required functionality and experience in the website, which might lead to the slowdown of the website. | | | | | | | | | | | | | Risk Category:  Technical | |
| Probability:  8/10 | Impact:  Negatively impact the system development, performance or stability. | | | | | | | | | | | | | Proximity:  High | |
| Countermeasures:  The team has to evaluate the conditions and figure out contingencies and sort that on a case by case by case basis | | | | | | | | | | | | | | | |
| Owner:  Madapathage Don Kanishka Gimhan | | Author:  Adithya Narasinghe | | | | Date Identified:  *02/19/2022* | | | | | | Date of Last Update:  *02/19/2022* | | | Current Status:  Open |
| **RISK IDENTIFIER:**  **[0004]** | | Description:  After the deployment, the demand for the website can be much higher than the initial expectations, which might lead to the slowdown or complete unavailability of the website. | | | | | | | | | | | | | Risk Category:  Technical |
| Probability:  6/10 | | Impact:  Website running slow or not functioning at all | | | | | | | | | | | | | Proximity:  Low |
| Countermeasures:  The team must monitor the website traffic after the deployment to ensure that the chosen hosting environment is capable of handling the demand and if it’s not capable, upgrade the plan or migrate the website to a different service provider which can handle the demand. | | | | | | | | | | | | | | | |
| Owner:  Madapathage Don Kanishka Gimhan | Author:  J. M. Pasindu Lawantha Bandara | | | | | Date Identified:  *02/19/2022* | | | | | Date of Last Update:  *02/19/2022* | | | | Current Status:  Open |
| **RISK IDENTIFIER:**  **[0005]** | Description:  Frequent power failures in Sri Lanka impacting the team's performance. | | | | | | | | | | | | | | Risk Category:  Team Performance |
| Probability:  9/10 | Impact:  The project deadlines will not be met. | | | | | | | | | | | | | | Proximity:  High |
| Countermeasures:  Adjust all tasks around the Ceylon Electricity Board's published power outage timing schedule. | | | | | | | | | | | | | | | |
| Owner:  Risk Manager | Author:  M. Sonali Silva | | | | Date Identified:  *02/19/2022* | | | | | Date of Last Update:  *02/19/2022* | | | | | Current Status:  Reduced |
| **RISK IDENTIFIER:**  **[0006]** | Description:  The depreciation of the rupee impacts the value of payments that need to be paid to the external parties. | | | | | | | | | | | | | | Risk Category:  Financial |
| Probability:  9/10 | Impact:  The project costs will be higher than the initial estimates. | | | | | | | | | | | | | | Proximity:  High |
| Countermeasures:  Purchase a domain, hosting service, and make all necessary subscriptions in advance without delaying till the last moment or inform the client about the possibility of increasing the project cost and negotiate for budget approval. | | | | | | | | | | | | | | | |
| Owner:  Madapathage Don Kanishka Gimhan | Author:  S. K. Helani Sihara Jayawardena | | | Date Identified:  *02/19/2022* | | | | | Date of Last Update:  *02/19/2022* | | | | | | Current Status:  Active |