**Risk Plan – Building a Web Site to Enhance Basket Weaving last update: February 23nd**

| **Ref** | **Identified Risk** | **Probability** | **Severity** | **Risk Management Strategy  Comments (CO) / Mitigation (MT) / Amelioration (AM) / Opportunity (OP) / Fallback (FB)** |
| --- | --- | --- | --- | --- |
| 1 | Illness of members.  (Covid-19) | **High** | **High** | **CO:** If one or more members of the team suddenly becomes ill due to the Covid-19 epidemic, there is a risk that the project will not go according to the plan. **MT**: Continue to use online technologies as much as possible instead of physically meeting. If someone gets sick, their responsibilities need to be delegated to someone else. |
| 2 | Technology might not support all the features | **Low** | **High** | **CO:** Planned technology stack might not support all the features that are in the scope. So far, this shouldn’t be an issue. But there are some incompatibilities that can only be identified while developing the system. **MT**: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. |
| 3 | System Overload | **Low** | **High** | **CO:** 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. **MT:** So, then the team has to evaluate the conditions and figure out contingencies and sort that on a case by case by case basis. |
| 4 | Website running slow or not functioning at all | **Low** | **High** | **CO:** 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. **MT:** 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. |
| 5 | Frequent power failures in Sri Lanka | **High** | **High** | **CO:** Frequent power failures in Sri Lanka impacting the team's performance and the project deadlines will not be met. **MT:** Adjust all tasks around the Ceylon Electricity Board's published power outage timing schedule. |
| 6 | Unstability of the rupee value | **High** | **High** | **CO:** The depreciation of the rupee impacts the value of payments that need to be paid to the external parties that may cause the project costs will be higher than the initial estimates. **MT:**  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. |

**Key**: **CO**=comments to explain risk; **MT**=actions to reduce probability of risk; **AM**=safeguards to decrease severity; **OP**=positive outcomes; **FB**=back up (“Plan B”)