**Risk Plan – Building a Web Site to Enhance Basket Weaving last update: March 01st**

| **Ref** | **Identified Risk** | **Probability** | **Severity** | **Risk Management Strategy  Comments (CO) / Mitigation (MT) / Amelioration (AM) / Opportunity (OP) / Fallback (FB)** |
| --- | --- | --- | --- | --- |
| 1 | Illness of members.  (Covid-19) | **Medium** | **Medium** | **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** | **Medium** | **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 | **High** | **Low** | **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 | **Medium** | **Medium** | **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 | **Medium** | **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 | Instability 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. |
| 7 | DBMS error configure | **Low** | **Low** | **CO:** The DBMS requires more main memory and disk storage. If it is not enough, The database cannot be installed. **MT:** Before installing the database, check whether the server has the bandwidth, storage and proceed. |
| 8 | WooCommerce Doesn’t Work with Every Theme. | **Low** | **Low** | **CO:** WooCommerce Doesn’t Work with Every Theme. When the theme doesn’t declare support for WooCommerce, there are missing page templates and other bits of important programming. Product pages and the shopping cart look broken.**MT:** This can be mitigated by either changing the technology or theme. |
| 9 | Clashing with other functions | **Low** | **Medium** | **CO:**Using plugins for critical aspects for marketing plans, such as email and social media, can reduce System campaign's overall efficacy. It's tough to effectively track how the system efforts are paying off because these plugins don't communicate with each other like they would with all-in-one marketing platforms. This can have a significant influence on the accuracy of system data, limiting system capacity to adjust and increase system marketing activities over time. **MT:** Need to select the most suitable plugin and install it. |
| 10 | The slow page load time. | **Medium** | **Medium** | **CO:**This can happen for a variety of reasons, including too many plugins and generic code that doesn't contribute to the website's general functioning. With more plugins and custom themes. **MT:** Remove all unusable plugins and themes from the website. |
| 11 | The product list was not provided on time by the client. | **Medium** | **Low** | **CO:**  The product list was not provided on time by the client. **MT:** Reschedule the workload according to the deadlines. |

**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”)