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| **Risk Management-** |
| PROJECT SCOPE STATEMENT |
| PROJECT DESCRIPTION | This project is to create an Ecommerce business website for the textile company. |
| PROJECT DELIVERABLES | * Create a business model which would increase the company’s revenue. * Create a website where the customers can place orders for a product. * A fully operational payment gateway and authentication process * A complete process of placing a order and the product being delivered to the customer. |
| ACCEPTANCE CRITERIA | * Ability to successfully login using user credentials to the webpage. * Customers should be able to navigate through the product webpage and select the desired product for checkout. * Customer should be able to successfully checkout a product into their shopping cart and proceed to payment. * Develop a UI which authenticate the payment and deduct the required amount for the product to be delivered to the customer. |
| SCOPE INCLUSIONS | * Infrastructure which is needed for the website operation. * Design of the website architecture. * Development process of the website. * Crane a warehouse for stocking the products. * Create a online delivery process for the products to be delivered. |
| EXCLUSIONS | * Labor supply * Building an operational team after the website is created. * Renting an external delivery company to ship the products to the customers. |
| ASSUMPTIONS | * Arrival of shipment can be delayed due to weather conditions. * Shipment can be damaged on arrival, transportation, or assembly. |
| CONSTRAINTS | * Budget: $1 Million * Scope * Time: 30 days |

RISK MANAGEMENT PLAN:

PURPOSE: The purpose of this management plan is to successfully build and deploy a Ecommerce website within the 30th April 2022 and within the budget of the project.

PROJECT PRIORITES:

* Budget: The budget of the project is to be strictly followed along with 30% of the budget kept for risk management.
* Scope: The scope of the project talks about what is the result.
* Time: The project must be completed by the 30th of April 2022.
* Risk Management: Features Build inspections, Quality inspection during the Test case executions, Build and assembly of the infrastructure, electrical wiring inspection, quality checks.

RISK IDENTIFICATION METHOD:

Checklist Analysis: It is the most logical way to mitigate risks as this project requires certain tasks such as quality checks and time constraints etc. Having a checklist analysis will keep the project from going off track and keep the risks at a low level.

IMPACT TABLE:

|  |  |  |
| --- | --- | --- |
| Impact | Cost | Time |
| 1 Very Low | Insignificant Cost Increase | Insignificant increase in time |
| 2 Low | <10% increase | <5% increase |
| 3 Medium | 10-20 % increase | 5-10% increase |
| 4 High | 20-30% Increase | 10-20% increase |
| 5 Very High | >30% Increase | >20% Increase |

Table

Description automatically generatedHEAT MAP:

RISK REGISTER:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk ID** | **Risk Statement** | **Probability** | **Impact** | **Risk Rating** | **Risk Type** |
|  |
| 1 | Shipping the servers and Databases poses a hazard of device loss/damage due to unfortunate circumstances. | Unlikely | Very High -5 | 22% | Operational |  |
| 2 | Hazards such as malware attack or any type of virus attack to the infrastructure | Possible | Moderate -3 | 45% | Operational |  |
| 3 | Wireless troubleshooting and IT services trouble shooting. | Likely | Very High -5 | 70% | Technical |  |
| 4 | Project delays due to unavailability of devices. | Likely | Very High - 5 | 65% | Logistical |  |
| 5 | eLearning lectures not sufficient for developers. | Possible | Low - 2 | 45% | Reputation |  |