Project Proposal

Academic Year 2021

Candidate Details

Index No: 1805274

Name of candidate:

Gamage Pavithra Sankalpa

Address:

58/E, Kesbewa Road, Kamburugoda, Bandaragama

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0757003662

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Supervisor/Advisor Details

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| --- | --- | --- |
|  | Supervisor 1 (IT Related) | Supervisor 2 (Optional) |
| Name | Mr. M.P Sarath Wijeshinghe |  |
| Designation | Assistant Director - IT |  |
| Workplace address | Sri Lanka Export Development Board,  No 42, Nawam Mawatha, Colombo 02. |  |
| Academic/   * Degree in Statistics & Computer Sciences, University of Sabaragamuwa * Post Graduate Diploma in Information Technology University of Sabaragamuwa * Certificate of Creating Quality E-commerce Content conduct by SME   Certificate Verification Link - <https://learning.intracen.org/verify/?q=s8YMTJ75uD>  professional/  qualifications  and  memberships |  |  |
| Work experience   * Assistant Director - Information Technology Export Development Board * 3 years’ experience in managing E-Commerce and Software Development * 12 years’ experience in implementing IT Projects | [mpsarathw@gmail.com](mailto:mpsarathw@gmail.com)  [sarathw@edb.gov.lk](mailto:sarathw@edb.gov.lk) |  |
| Email: |  |  |
| Phone number/s | 0112300705  0718080409 |  |

Note: Any deviation of the final project from the project described in this proposal should   
 be explained by the candidate in the dissertation.

Project Details

Title of Project:

Web-Based Online Shopping System for Encryption IT Solutions

If Repeat Student

Number of Attempt(s):

Previous Decision: 



Earlier Project Title:

Name and address of client:

Encryption IT Solutions

NO: 51/L, New Shopping Complex,

Kaluthara Road,

Bandaragama.

Motivation for project:

* I understand this final year project is a major component of the bachelor of information technology degree offered by the University of Colombo School of Computing.
* Doing the project is a good opportunity for me to improve my knowledge and implement the learning curve of the previous couple of years.
* Encryption IT Solutions needs to extend their sales via an online shopping cart website. They didn't have a properly designed website to attract their customers and the existing website doesn’t have the most wanted features such as check individual items and an online shopping cart.
* The client doesn’t have a customer database including emails and phone numbers to drive a marketing campaign to improve the sale.
* Currently doesn’t have items delivery mechanism with external couriers.
* A lot of customers are in lack of knowledge in computer hardware. They don’t know which part is the best fit for their budget and work.
* Time is very valuable for everyone. Computer repairs take a long time to complete, some are don’t have specific knowledge to troubleshoot their systems. They don’t provide a booking system to the customers to save their time.
* As a computer store warranty is a mandatory part for client and customer. The warranty only has printed documents that can’t check via online on the customer side.

Objectives and scope of proposed project:

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Critical functionalities for project:

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Itemized list of deliverables of the system:

Note: Deliverables are items that you would deliver to the client at the end of the project.

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A project plan using Gantt chart (include the work involved in system development as well as writing the dissertation):

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Resource requirements for project (e.g., hardware, software,...):

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Proposed way of self-evaluating the success of your system:

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