**HiLCoE SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY**

**SENIOR PROJECT (CS 500)**

**Prepared**

**BY**

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**A research proposal submitted to HiLCoEschool of computer science and technology in partial fulfillment for awardof bachelors in computer science**

**CHAPTER ONE**

**INTRODUCTION**

1. **Introduction**

This chapter includes the background of the study, statement of the problem, purpose of the study, research objectives, and research questions, scope of the study and significance of the study.

* 1. **Background**

A wedding is a ceremony where two people are united in marriage. Depending on the financial ability of the couples, the size of the wedding varies from large, to medium or small.

And every year there are hundreds of people that participate in this ceremonial activity and try to make their special day memorable, but this means having the best elements for the wedding like flowers, catering, photo, decorators, music, cars and hair dressers within their budget.

Couples who would want throw a wedding will have to delicate time and energy in order to locate such service providers and try to choose what is best for them.

during the organization of such a celebration various elements are needed to make the moment enjoyable and memorable like the catering, dresses, music, photography, venue and hair dressing and the selection and identification of companies and personnel that provide the services mentioned is one of the most challenging tasks that could ensure that the day is successful or become a total disaster.

* 1. **Problem statement**

Although weddings are moments filled with happiness the preparation for most brides and groom are a source of frustration mostly because the identification and selection of service providers are a time consuming activities and there is no centralized place where they can locate such service providers and also be able to gather information about the quality of their service from past customers. Could we address this issue by creating a website to have a centralized system for easy identification and customer evaluation?

* 1. **General objectives**

The purpose of this study is to determine a better way to provide accessibility to wedding service providers and evaluation.

* 1. **Specific objectives**
* To enable service providers advertise their product/service
* To enable customers see all service providers and their services
* To enable customers comment on the quality of the service provided
  1. **Scope of the project**

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* 1. **Limitations**
* Requires the internet and the user to computer literate.
* Requires initial manual advertisement to get service providers onboard.
  1. **Methodology/Approach**

The Bled of Agile and waterfall.

The following methodologies will be used

* Analysis and design
  + Using UML (Unified Modeling Language)
* Programming Tools
  + Asp.net MVC with MySQL database
* Documentation Tools
  + Microsoft Office
  + Microsoft Visio
* Other tools
  + ///missing if any ///
  1. **Significance and Beneficiaries**

The system will benefit both service providers and customers looking to have a wedding, service providers will have a place to market their product/service whereas customers will be able to select from a number of choice of service providers without having to waste time moving from place to place.

The system has a valuable significance in assisting customers identify and evaluate service providers based on previous customers’ comments and rating so that they make targeted physical approach saving them time and energy.

* 1. **Task breakdown and Feasibility analysis**

Below is the budget we've estimated based on the scope of services outlined earlier in this proposal, if you have any questions about our pricing or need to increase or decrease the scope of work, please leave a comment and let us know.

|  |  |  |
| --- | --- | --- |
| No. | Task | Deliverables |
| 1 | Project proposal | Proposal document |
| 2 | Requirement analysis and document review | * Understanding the business * Understanding existing trend * Proposed system * Function definition * System functionality * Use case diagram * Sequence diagram * Class diagram * User interface |
| 3 | System design | * Design goal * Decomposed system * Persistent database |
| 4 | Object design | * Packages * Class interfaces |
| 5 | Implementation coding | Code of the functionality |
| 6 | Evaluation | * Accuracy of the classification * General recommendation and conclusion |

**1.9.1 Feasibility Analysis**

/// missing ///

* 1. **Project schedule and Timeline**

To complete the work outlined in the project scope, we'll need approximately 12 weeks from beginning to end, depending on when we receive feedback at each milestone. Upon signing the proposal we are prepared to start work immediately.

|  |  |
| --- | --- |
| Phase | Number of days |
| Project proposal | 16 days |
| Requirement analysis and document review | 10 days |
| Analysis | 30 days |
| Database design | 5 days |
| Implementation and coding | 35 days |
| Testing | 7 days |

* 1. **References**

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Rodov, A. & Teixidó, J. (2016). Blending agile and waterfall: the keys to a successful implementation. Paper presented at PMI® Global Congress 2016—EMEA, Barcelona, Spain. Newtown Square, PA: Project Management Institute.

* 1. **Annexes**

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