

**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**

**COLLEGE OF ENGINEERING**

**COMPUTER ENGINEERING DEPARTMENT**

In Partial fulfillment for the course

Electives 3

VISUAL BASIC

DaReS

Date Reservation System

PROJECT CHARTER

DOCUMENT

|  |  |  |  |
| --- | --- | --- | --- |
| **NO** | **MEMBERS** | **POSITION** | **GRADE** |
| 1 | BONACHITA, Alaica Dawn P. | Project Manager |  |
| 2 | CABALLERO, Danicca Jeanne C. | Quality Assurance |  |
| 3 | CUETO, Krizza Mae R. | Back-End Developer |  |
| 4 | SEVILLA, Jayson | Front-End Developer |  |

**PROBLEM STATEMENT: (***Problem or opportunity the project will address. How often does it occur? How do we know it is a problem? What is the impact of the problem?)*

Events such as birthdays, gatherings, debuts, weddings and other parties require tremendous amount of preparation for it to be held successfully. With regards to the said preparation, the venue is one of the ‘musts’. A company that provides an event’s place is of a great necessity during times like these. Especially during peak seasons, numerous events are organized and held in place. The proponents developed a system that is able to solve the problems that occurs in these situations.

The Date Reservation System, or much known as “DaReS” is developed to provide easier access to the data and information saved by the admin regarding the events that were reserved and held for their customers. It provides advanced processing for date reservation, including the consideration for the customer’s information, notes, and requests. The calendar view will enable the admin to see the tally or plotting of all the reserved date, in a neat and organized manner. Additionally, the overall interface of the system itself is user friendly and is easily understood by anyone, most especially the admin itself.

Developing this system provides more organized system to the administrator, as compared to the usual manual process. Also, the use of technology in accessing data and information makes it easier, more organized and henceforth, more secured. Instead of using papers and forms to fill-up, the information are to be encoded in the forms provided in the system, hence, makes it easier to view, edit and review by both customers and admin. Aside from limiting the number of errors caused by human-mistakes (i.e. penmanship), it also reduces the time required for a reservation of an event.

Overall, the system provides benefits to both the admin and the customers themselves.

**PROBLEM GOALS:** *(What will be accomplished “MEASURABLE”? Example: To improve the Project from [baseline capability] to [target capability] by [target date])*

The development of the system provides easy access and faster processing of date reservation system. The data that are to be inputted shall be saved in the system’s database, therefore making it more secured yet easier to find – as compared to using papers and forms manually. Also, the amount of errors that are prone when the information are written as compared to when it is typed and encoded is in great ratio. The customer’s handwritten information may be misread by the admin, and vice versa. As for when the information and requests were to be typed, the admin and customers would only need to review the data before saving them, and not anymore need to worry about misspelled names, words or other information.

Aside from those, the system would greatly affect the time requirements and the whole processing itself. Faster collection of data, overview and reviewing of information, and an organized process shall be accomplished by using the developed Date Reservation System.

**SCOPE:** *(Boundaries, constraints, restrictions or limits)*

**LIMITS**

The system is limited only for reserving one event per day. The system would not support reservation of events on the dates that are already taken and occupied. Also, the admin will only be the one authorized of accessing the database.

**CONSTRAINTS**

Possible deletion of data is expected, henceforth the system provides pop-ups for confirmation before a data or event is to be deleted. The occurrence of information loss is inevitable, henceforth advised that the data shall be back-upped at all times.

**BENEFITS:** *(Translate the project’s goal into Hard and Soft Benefits)*

* Increases efficiency in date reservation
* Provides user-friendly interface
* Easier access to data and information saved
* More organized view of all the events reserved in the system
* Reduces human-error in inputting information and requests
* Reduces time required to process and reserve an event