Nerrisa Swaby

CIS244

Project HW

HILLSDALE LANDSCAPING & CONSTRUCTION

SERVICES

This project is for Hillsdale Landscaping & Construction Services. I decided to support the efficient management data system of operations at this Landscaping Service. This system will give specific information on customers, services, employees, equipment, invoices, and job scheduling. The idea is to help the landscaping business keep track of its operations and continue to be a successful business. It will produce information on real-time data usage access and coordination’s of the job’s operations.

I have provided each customer’s contact details, service details, and the job history that is stored; can be easily accessed. Employees assigned tasks can also be tracked to optimize the workload, while the equipment usage and maintenance logs can help ensure operational reliability. This database system will be a supported way of providing billing, reporting, and management with data driven insights to provide enhanced decision making and increase business performances.

To validate this data system, I conducted an interview with the owner Christopher Brown from Hillsdale NJ. I chose this Landscaping business because I thought it was cool that it provided twenty-four-hour services. During this interview I asked a series of questions to Mr. Brown about the operation of his company. He explained that Hillsdale Landscaping & Construction Services offers a variety of services from design and construction to drainage solutions, hardscaping, and snow removal. Mr. Brown walked me through what motivated him to want to start a landscaping business, which was since he was a small kid that he was always intrigued by nature: the plants, smells and the sounds were captivating, this is why he enjoyed working with his father mowing the lawn and trimming the hedges. Therefore, this was his encouragement to open his own business.

Mr. Brown said that he has been in business for thirty years. The types of projects he specializes in are created in an amazing landscaping story to suit any lifestyle, taste, and dream that the customer desired. The types of projects are simple planting which are small projects and some of the complex projects are with hardscaping elements and outdoor kitchens, which are some of the larger projects. Also, they deal with water drainage and other disasters pertaining to the landscape. He explained that whatever you need his company will make it happen to the best of their ability.

Mr. Brown went on to explain that these jobs could take from one day to several weeks depending on the Job service you require. He said has an estimator that goes to the sites to determine what the customer wants done and how much it will cost to provide service. The prices could range from four hundred to twenty thousand dollars or more depending on the service the customer desires. The landscaping design process is to understand the clients to bring their vision to life. They conduct a site analysis, develop a functional diagram, then create a conceptual design plan and draw out the final design plan in detail. Their goal is to create a beautiful vision that is functional in an outdoor space to reflect on the client’s unique style and lifestyle needs.

The goals for this project were to complete a functional database to make everything more organized for this small business, which is essentially important for the business to operate successfully.

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