

Improved Decision Making with Information Systems Assignment

Be as detailed as possible and give detailed examples when showing the benefits that the company or organization is receiving such as: increased profits, improved efficiency, improved productivity, decreased costs, decreased waste, dollar amounts, percentages, prices, units manufactured and sold, other numbers, etc. These are just some examples and not the only things you should include.

Business: Amazon Owner Jeff Bezos: Online-based business

The purpose of the business is “that extraordinary customer obsession to the level that each customer is treated individually.”

Amazon has over 100 million shoppers

Types of Information Systems: Business Intelligence System: used to predict what the consumers like and dislike by collecting and analyzing data on sales rates and customer buying habits. Oracle: used to manage inventories and Amazon’s finances.

Management Information System:

1. Customer-obsessed business model
2. Continuous bar-raising talent pool
3. AI-powered data and metrics system
4. Ground-breaking invention machine
5. High-velocity and high-quality decision-making
6. Forever-day-1 culture

Knowledge Work System: Business Intelligence System, Oracle

It can automate complex routine tasks, help in problem analysis, and help managers track and compare non-routine decisions. They also purchase of software or hardware, tactical hiring of personnel, or simply a motivational speech to system users to accomplish organizational change. Amazon has four different types of PCs, which can be categorized as desktops, 1U servers, 2U servers, and 3U servers. These servers are mainly used in building the foundation of what Amazon's architecture is built upon today. I would refer to this as a Neutral Network When I’m working in the warehouse, the managers and Process Assistants, use their computers to manage where all the employees are in their designated areas and to manage the sorting rates that the employees are doing. Everyone is labor-tracked to ensure everyone is working. In my department, the UIS team Managers and Pas also have to stay on top of the jams that could occur. This way productivity can continue to go great, and rates can continue to be met. They also use their system to implement training videos for new trainees when learning how to do their jobs and maintain safety. Amazon also uses Data Centers to promote worldwide service. The team who works at the Data Centers is responsible for future growth, standardizing products, and working to decrease costs by effectively utilizing capital instead of overspending or purchasing more servers when it might not be truly needed. Some of the software tools Amazon developed to improve efficiency as well. They Utilize Microsoft Outlook, Slack, Java, AJAX, and Internet Explorer when building web apps, creating content, and basic searches. Amazon also uses hardware systems like routers, switches, and

cloud computing for faster data processing, increased throughput, and be cost effective. Amazon also uses Oracle9i to help with its Data management. Oracle9i offers logical storage units that manages their physical storage structures in Amazon's database. As Amazon continues to expand it requires more cloud storage, so they created their own data storage using Amazon S3 that safely keeps all of their customers sensitive data. Since they still use Oracle9i they use its 8 million IOPs of space for other data. The creation of Amazon S3 makes web-scale computing easier for Amazon's developers and gives reliable and low-latency data storage infrastructure at a lower price. Which offers in the long run, easy changeable capacity management, the option to only use what they need, and less financial overhead.

With this info system

Jeff Bezos believes there are two types of decisions: 1, Ones that are consequential or close to irreversible. In contrast, the second type consists of changeable or reversible decisions. He also believes they should be made by the team when at least 70% of the information is known. Since Amazon is always working on growing and expanding, most decisions need to be made quickly. Amazon has a dedicated team to make changes and new things, consisting of a hand-picked leader, and the team chosen by the appointed leader