**Task 1**

**Application software and business process**

Database Software is a program used to create, manage and maintain databases files and records in the cloud or on hardware service. Database software allows users to store data in the form of structured fields, tables and columns. Spreadsheet software is a program or application that is used to organize data in rows and columns, analyze and store information in a digital worksheet. Data is organized vertically in columns and horizontally in rows on each worksheet. It can have a numeric value, text, formulas and functions. Although database and spreadsheets are two ways of managing data, they have differences. A spreadsheet stores data values in cells, which are arranged in row and columns. On the other hand, database stores data in tables made up of one or more columns and rows. A spreadsheet is usually used for presentations and paperwork while database is commonly used in cases where a lot of data needs to stored. Database is used in large enterprises to store the data. On the other sides, spreadsheet is used for accounting tasks. One more point of spreadsheet is easy to start using. Dislike the spreadsheet, database is more difficult to start using. And spreadsheet is easy to get data in(copy/paste) but database cannot copy paste.

E-commerce is the process of buying and selling products over the internet and has become the fastest-growing industry in recent times. In e-commerce, the store-website is the most visible part of online selling but the website is not enough to run full e-commerce business. So, it needs to integrate with many other functions. Four e-commerce business functions that should be included in the design are marketing activities, financial management, supply chain and order fulfillment. Marketing activities are important to do marketing of your online store and you need to do market research. During the research, you need to know what your customers want and how you can build your store. In business, finance works as a strong support for your company’s growth. That's why you need financial management system to manage payments. Financial management system will help track your costs and how you can cut down the cost to remain profit. Each order needs physically move from where it is stored to where the buyer wants it. So, you need good supply chain skill and process to manage orders. Supply chain management is a solution that oversea the movement of goods and provides more efficient flow of information.

Computer aided design is the use of computer-based software and allows to create more accurate design representations. Seven features of computer aided design are modern and ergonomic user interface, free file viewer, design documentation tools, sketch tracing, smart components, auto-shape tools and photo plug-in.

* Modern and ergonomic user interface is the first essential feature of the CAD software. Software is easier and faster to use and the more productive the user becomes.
* Free file viewer allows anyone to view and interact with CAD.
* Design documentation tools include generation exploded views, assembly instructions, bills of materials. These features are essential to get the most out of CAD software.
* Sketch your design on a piece of paper, becomes a traceable template. User productivity increases as good standard components are created.
* Smart components allow you to store user know-how. With a simple click of the mouse, you can add any of auto-shape to your CAD in just a few seconds.
* Using the photo plug-in feature, can place quickly any digital photo or image into your CAD.