Exercise 1

Application Software that I have used

* Microsoft Teams
* Chrome
* Visual Studio Code
* I use Microsoft Teams in my daily life. My school use Microsoft teams to announce new activity, my new classes schedule. So, Microsoft teams has become the application I always use.
* I use Chrome as my daily browser to search knowledge that I want to know.
* I like to code and I learn programming by watching video on internet, so I use VS code as my code editor.

I have ever used bespoke application software.

Exercise 2

Type of Application Software BRAND Names

Accounting QuickBooks Online

CAD AutoCAD

CAE Fusion360

CAL EdApp

Database MySQL

Data Mining Rapid Miner

Decision Making Product Board

Desktop Publishing Canva

Email Outlook

Graphics Adobe Photoshop

Presentation PowerPoint

Project Management Basecamp

Simulation SolidWorks

Spreadsheet Microsoft Excel

Word Processing Microsoft Word

Exercise 3

* General Ledger Management : This function allows users to record and monitor all financial transactions, account balances, and financial statements.
* Financial Reporting: This function allows users to generate financial statements such as income statements, balance sheets, and cash flow statements.
* Security and Data Backup: Efficient accounting software should provide security features to protect sensitive financial data, as well as data backup and recovery features to prevent data loss.

Exercise 4

Business Intelligence Software

Business Intelligence (BI) Software refers to a set of tools and technologies that are designed to help businesses collect, analyze, and visualize data in order to gain insights and make informed decisions.

1. Data Warehousing: This refers to the process of collecting and organizing large volumes of data from different sources into a single, centralized databases. Data warehousing makes it easier to analyze and visualize data access an entire organization.
2. Reporting: This involves the process of generating and distributing reports that summarize key metrics and insights. Reports can be customized based on specific needs and can be automatically delivered on a regular basis.

Examples of business intelligence software include popular platforms like Power Bi, QlikView, SAP BusinessObjects, IBM Cognos, and many others. These tools provide a wide range of functionally, including data mining, reporting, dashboarding, predictive analytics, and data visualization, all of which can help business gain valuable insights and make better decisions.

Digital Dashboards

Digital Dashboards are graphical interfaces that provides real-time data visualizations of key performance indicators(KPIs) and other important metrics.

* KPIs: Key Performance Indicators are specific metrics that are used to track and measure performance against goals and objectives. KPIs can vary depending on the organization and industry, but might include metrics like revenue, customer satisfaction, employee productivity, and more
* Data Visualization: This refers to the use of charts, graphs, and other graphical representations of data to help make it easier to understand and interpret.
* Real-Time Data: This refers to data that is updated in real-time or near real-time, allowing users to monitor and analyze information as it happens

Examples of digital dashboard software include platforms like Microsoft Power BI, Tableau, Google Data Studio, Salesforce Analytics, and many others. These tools provide a wide range of functionality, including data visualization, real-time data, drill-down, mobile-friendly, and customizable features. Digital dashboards can help businesses make data-driven decisions by providing easy-to-understand visualizations of complex data, allowing users to identify trends and patterns, and to track progress against KPIs and other performance metrics.

Enterprise software

Enterprise software, also known as enterprise application software, refers to a class of software applications that are designed to meet the needs of large organizations with complex operational and data management requirements. Here are some key terms and brief explanations of enterprise software

* Enterprise Resource Planning (ERP): ERP software is designed to manage an organization's core business processes, such as accounting, finance, human resources, procurement, supply chain management, and more. ERP software provides a centralized database and integrated modules that allow for efficient data sharing and collaboration
* Business Intelligence (BI): BI software is designed to provide organizations with insights into their operations and performance, using data visualization and analysis tools. BI software provides data reporting, dashboards, and analytics tools to help organizations make data-driven decisions

Examples of enterprise software vendors include SAP, Oracle, Salesforce, Microsoft, Infor, and many others. These vendors provide a wide range of software solutions, including ERP, CRM, SCM, BI, HRM, and more. Enterprise software helps organizations manage their operations more efficiently and effectively, by providing integrated tools and processes that improve data management, collaboration, and decision-making across the organization.