

Digital Information Technology

Year 10

Component 1 Exploring User Interface Design Principles and Project Planning Techniques &

Component 2 Collecting, Presenting and Interpreting Data



Learning Aim A:
Investigate user interface design for individuals and organisations



Investigate what a user interface is.

Investigate end user needs.

Investigate design principles.

Investigate what makes an efficient user interface.

Learning Aim B:
Use project planning techniques to plan and design a user interface

Investigate project planning methodologies.

Create a project plan.

Create an initial design for a user interface.

Learning Aim C:
Develop and review a user interface

Learning Aim A:
Investigate the role and impact of using data on individuals and organisations

Complete PSA Component 1

Investigate how to review the success of a project.

Investigate techniques used to refine a user interface.

Learn to develop a user interface from storyboard designs.

Investigate the characteristics of data and information.

Investigate how data is made suitable for processing.

Investigate how data is collected.

Investigate how companies use data modelling.

On to Year 11



Digital Information Technology

Year 11

Component 2 Collecting, Presenting and Interpreting Data

&

Component 3 Effective Digital Working Practices



Investigate how to draw conclusions using a data dashboard.

Learn how to make recommendations using a data dashboard.

Investigate design features of data dashboards and apply these principles to your work.

Investigate the responsible use of digital systems.

Investigate the legislation that governs the use of digital systems and data.

Planning and communication in digital systems

Investigate the different forms of written and diagrammatical communication used within the digital sector.

Investigate security policies in organisations.

Investigate the prevention and management of threats to data.

Investigate threats to data.

Examination



Learning Aim B: Create a dashboard using data manipulation tools

Learn about different processing methods.

Investigate and use pivot tables & charts.

Learning Aim C: Draw conclusions and review data presentation methods

Learn how to create a data dashboard to select and display information summaries.

Complete PSA Component 2

Modern Technologies

Cyber Security

Investigate how modern technologies impact on the way organisations perform tasks.

Investigate how and why modern technologies are used by organisations.



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