

Digital Information Technology

Year 10

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

Component 2 Collecting, Presenting and Interpreting Data



Investigate what a user interface is.

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



Investigate project planning methodologies.

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

Complete Learning Aim A: Assignment

Create a project plan.

Create an initial design for a user interface.

Complete Learning Aim B: Assignment



Learning Aim C: Develop and review a user interface

Complete Learning Aim C: Assignment

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

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.

Complete Learning Aim A: Assignment

On to Year 11



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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.

The wider implications of digital systems

Planning and communication in digital systems

Investigate security policies in organisations.

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

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.

Complete Learning Aim C: Assignment

Cyber Security

Investigate and use pivot tables & charts.

Learning Aim C: Draw conclusions and review data presentation methods

Modern Technologies

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

Complete Learning Aim B: Assignment

Investigate how and why modern technologies are used by organisations.

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



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