

Digital Technologies at Large UK FE and HE Education Group

Developing Interactive Learning Solutions for the HNC
(Digital Technologies)

Introduction

A leading educational institution specializing in vocational and higher education sought to enhance its Higher National Certificate (HNC) Digital Technologies program. To achieve this, interactive learning solutions were developed to improve student engagement and knowledge retention.

This case study showcases the work undertaken in collaboration with project managers and key stakeholders to create high-quality SCORM-compliant learning modules. It highlights the methodologies used, challenges overcome, and the impact of the learning solutions delivered.

Objectives

- Collaborate with key stakeholders and project managers to ensure high-quality learning solutions.
- Develop interactive and engaging SCORM modules to support HNC students.
- Meet tight project deadlines while maintaining high standards of instructional design and accessibility.
- Ensure quality assurance (QA) and sign-off processes for all deliverables.



Results

01.

Successfully developed 20 SCORM-based learning modules, all of which were QA'd and signed off.

02.

Implemented instructional design best practices to create engaging, student-centered learning experiences.

03.

Worked within tight project timelines, ensuring timely and high-quality delivery.

Learning Solutions Developed

SCORM Modules

- Designed and built 20 interactive SCORM modules tailored for the HNC Digital Technologies curriculum.
- Ensured compatibility with the organisation's Learning Management System (LMS).
- Ensured that all learning solutions met accessibility requirements, making them inclusive for all learners.

Subjects Covered

- Big Data and Visualisation
- Networking in the Cloud
- Security
- Data Analytics



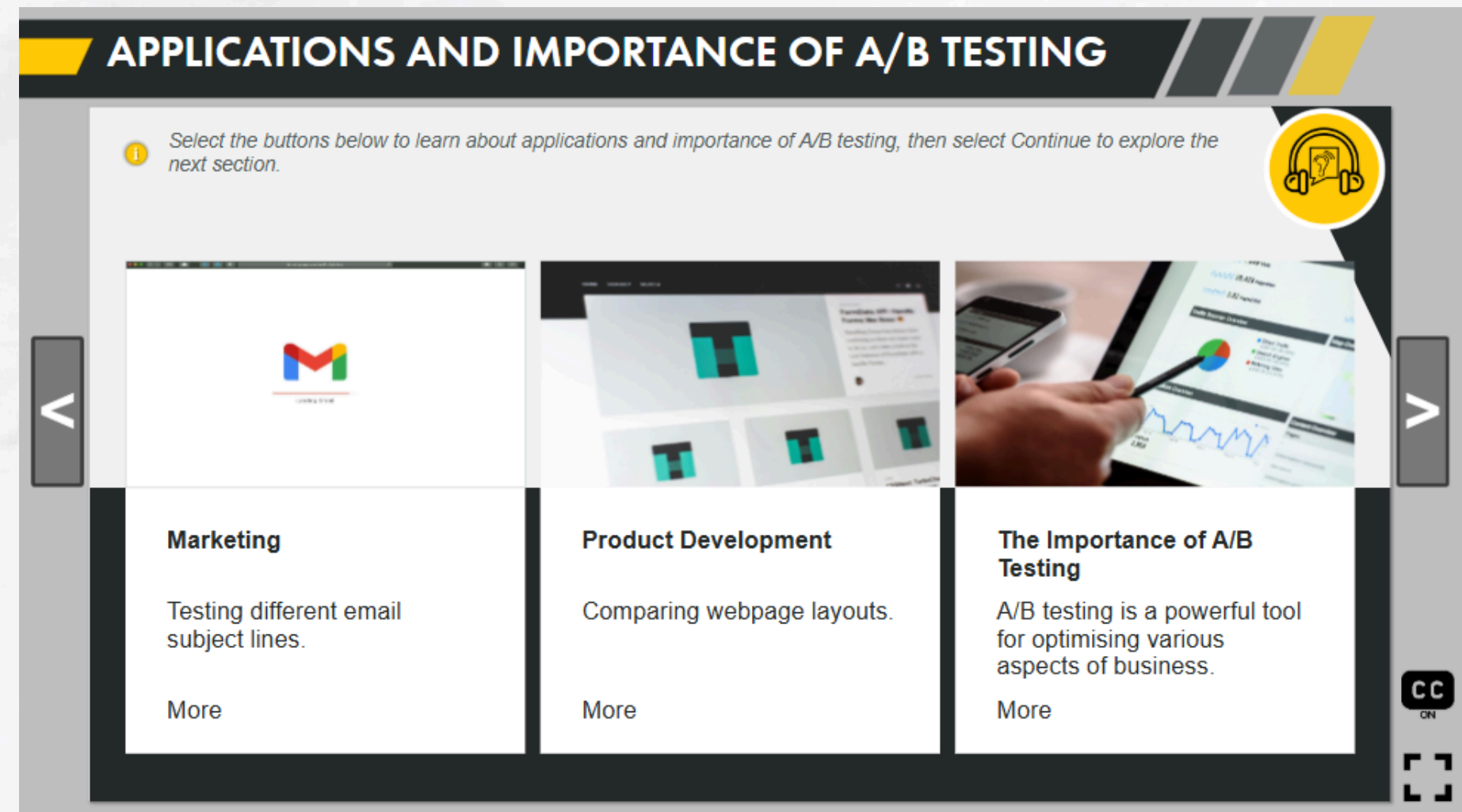
Results & Impact

The project delivered the following resources:

20 Interactive Learning Solutions

📌 Results & Impact Highlights:

- ✓ Enhanced learning experience for HNC DT students
- ✓ Increased engagement & knowledge retention
- ✓ Positive feedback from stakeholders and project managers
- ✓ All deliverables met within agreed project timelines



Conclusion

01

Successful Learning Solutions

Over the past five months, the project has successfully delivered high-quality digital learning solutions that support the organisation's educational goals.

02

Collaborative Effort with PM Team

By integrating instructional design best practices, accessibility standards, and stakeholder collaboration, this project has not only met its objectives but has also set a benchmark for future digital learning initiatives.

03

Experience

This experience has further refined my expertise in eLearning development, instructional design, and project collaboration, reinforcing my ability to deliver effective and engaging digital learning solutions in higher education settings.