

**T Level Technical Qualification in Digital: Digital Production, Design and Development (Level 3)****Specimen Assessment Material for first teaching September 2020****Time** 30 hours**Paper
reference****XXXXXX/XX****Occupational Specialism: Digital
Production, Design and Development
TASK 2: Developing the solution****You do not need any other materials.****Information**

- The total mark for this task is 48.
- This booklet contains material for the completion of the set task under supervised conditions.
- This booklet is specific to each series and this material must only be issued to Students who have been entered to undertake the task in the relevant series.
- This booklet should be kept securely until the start of the four week supervised assessment period.

Turn over ►

Instructions for Students

You must complete ALL activities within the assessment.

This task is to be completed under supervised conditions in a window of 4 weeks.

The window for this task is day [Day Month YYYY] to [Day Month YYYY]

Your centre will schedule **30 supervised hours during the four-week window** in which you will produce the outcomes for this task.

During this task, you are allowed:

- monitored access to the internet during the scheduled supervised assessment task
- access to a copy of the proposal and design produced in Task 1.

You are not allowed to make changes to the evidence produced in Task 1.

Your work will be kept securely during any breaks and between scheduled sessions.

Templates provided for use during this task:

- Task 2_Test_Log_Template.doc

During this task your teacher is permitted to provide general feedback about:

- the appropriateness of the solution you designed in Task 1
- if the solution you are developing functions as intended.

Your teacher is **not** permitted to provide guidance about how to improve your solution.

Set Task Brief

Your manager has approved you to move into the stage of developing your solution and has asked you to produce a prototype of the solution you have designed.

To help you develop a functional prototype, your manager has told you to refer to:

- information from your proposal and designs
- the information provided Set Task Brief provided in Task 1 (reproduced here)

Set Task 1 Brief

ToKa Fitness currently provides customers with:

- personal training sessions
- advice about fitness training
- advice about healthy living.

The client (the owner of ToKa Fitness) would like to develop a digital solution that will:

- provide information and advice about fitness training and healthy living
- provide access to digital content to support customers with their training and healthy lifestyle
- encourage existing customers to use more of the services provided by ToKa Fitness

The client has carried out some market research to identify features that their existing customers would like included in a digital solution. The features the existing customers identified are:

- free and paid-for content
- accessibility features for users with sight loss
- 'social' features
- customizable workout and eating plans.

Activity

Developing the prototype

You need to record the sources that you use into an assets log. Your log must:

- Record the sources you have used
- Describe the content and intended purpose of the content you have selected
- Log the date you retrieved the information.

Develop a functional prototype of your proposed digital solution to meet the client's needs.

During the development, make sure that you:

- implement secure code in at least two appropriate languages to implement front-end and back-end processes
- gather and prepare appropriate assets to be used in the development of your digital solution
- make use of, and document, iterative testing
- document the iterative development process including changes that are made to the solution during development
- produce code that is maintainable by a third party
- ensure a high-quality user experience
- follow legal and regulatory guidelines and standards

When gathering assets you need to record the sources that you use into an assets log. Your log must:

- Record the sources you have used
- Describe the content and intended purpose of the content you have selected
- Log the date you retrieved the information.

Your testing documentation does not need to detail every test carried out but should demonstrate:

- An iterative approach to testing
- understanding of how to test inputs, calculations, validation and processes using appropriate test data

(48)

Outcomes for submission

Prototype

Save copies of key versions of your functional prototype in your folder for submission.

You should use any sensible folder structure and naming convention.

Development documentation

Save your development documents as PDF files in your folder for submission. Use this naming convention:

- Task2[document name]_[Registration number #]_[surname]_[first letter of first name]

Save your Content and Assets log as a PDF in your folder for submission.

- Task2ContentAssets_log_[Registration number #]_[surname]_[first letter of first name]

Test log

Save your test log as a PDF file in your folder for submission. Use this naming convention:

- Task2[document name]_[Registration number #]_[surname]_[first letter of first name]

Code for prototype solution

Save your code as PDFs and as a .txt files in your folder for submission. Use this naming convention:

- Task2code [doc #]_[Registration number]_[surname]_[first letter of first name]

BLANK PAGE

1.1 Version control

Version number	Summary of changes
1.1	Formatting/branding/wording consistency updates.

Copyright and Acknowledgements

'T-LEVELS' is a registered trade mark of the Department for Education.

'T Level' is a registered trade mark of the Institute for Apprenticeships and Technical Education.

The T Level Technical Qualification is a qualification approved and managed by the Institute for Apprenticeships and Technical Education.

'Institute for Apprenticeships & Technical Education' and logo are registered trade marks of the Institute for Apprenticeships and Technical Education.

Pearson Education Limited is authorised by the Institute for Apprenticeships and Technical Education to develop and deliver this Technical Qualification.

Pearson and logo are registered trade marks of Pearson.

Copyright in this document belongs to, and is used under licence from, the Institute for Apprenticeships and Technical Education, © 2020–2023