



Digital Assessment for Learning informed by Data to motivate and Incentivise Students

IO2: Adapted and Localised Technology Solution and UI

Technology Upgrade Status Nov 2020

Version 1.0
25 Nov 2020

Recap: priority features

1. Stress Testing
2. Language Support
3. Navigation Translation
4. Immersive Language Learning Approach
5. Erasmus+ Specific Requirements: Multiple Question Types & CMS Upgrade
6. 5-Country Web Page set-up
7. Gamification features
8. Additional data features
9. Phone Apps



Outline of Development Plan (Sept meeting update)

**CMS UI
Upgrade**
to support all
question types

**MCQ
CLOZE Q**

Aug-Dec 2020

Additional DALDIS Upgrades
Language and Script
Web sites, Data, Stress Testing, App
Jun-June 2021

**Additional
Question Types**
MATCH
STA
MMCQ

Dec 2020
- Mar 2021

Question Set Development
by Country Teams
Jan-Sept 2021

*Gamification features to be
scoped and specified TBC*

Summary Status

Key Feature	Status
CMS Functionality	Complete in Dec
Multiple Q Types	MCQ & STA by Dec All Q Types March
Migration of JCQ Content to CMS	Jan
5 Language Support + 5 Country Websites	Dec-March
End-user Navigation in 5 languages	April-May Target
Content Scripting Starts	Jan
Phase 3 of Upgrades	Starts June

Roadmap

Phase 1 & 2	Start	End	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	A
CMS Functionality Upgrade	20-Aug-2020	20-Nov-2020						
Multiple Q Types (All Types)	1-Sep-2020	28-Feb-2021			cloze match			
Move CMS 1.0 to staging	15-Dec-2020							
CMS & Questions QA	3-Dec-2020							
Migration of Existing Content	1-Dec-2020	30-Jan-2021						
Content QA Functions	January 2021	May 2021			Basic			Full
5 Language Support (Characters & Accents)	January 2021	Feb 2021		Architecture				
User Navigation Translation (excl CMS)	February 2021	Apr 2021		Architecture				
Language & Navigation QA	February 2021	May 2021						
5-Country Web Page set-up	November 2020	Mar 2021	Architecture					
Content Development & Translation	1-Jan-2020	28-Sep-2021						
Phase 3								
Stress Testing	June 2021	Aug 2021						
Gamification features	Q3 2021	Q1 2022						
Immersive Language Learning Approach	No technical requirements yet							
Additional data features	No requirements yet							
Phone Apps (Google & Apple)	Q3 2021	Q3 2021						



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Class 8 Science

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Quizzes

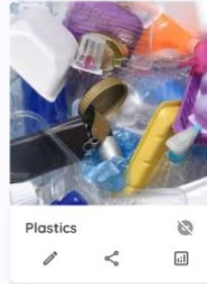
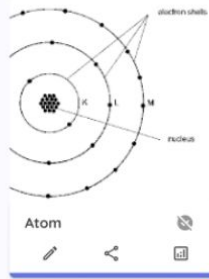
Content Flow

Create Unit

Physics

Chemistry

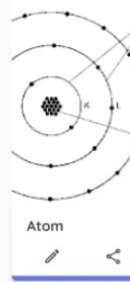
Maths



CMS
Module Level
e.g. Physics1

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Add Unit

Unit Type

Lesson

Unit Name

Enter unit name

Unit Number

Enter unit number

Access Level

Full Access

Publish Unit



Unit Thumbnail

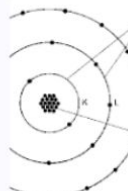
Drag files here
or

Browse

Add Unit:
e.g. Cells

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Create a Lesson

Learning screen

Description:

Enter the details

Select media: None

Question:

Enter the question

 Option 1

Enter the feedback

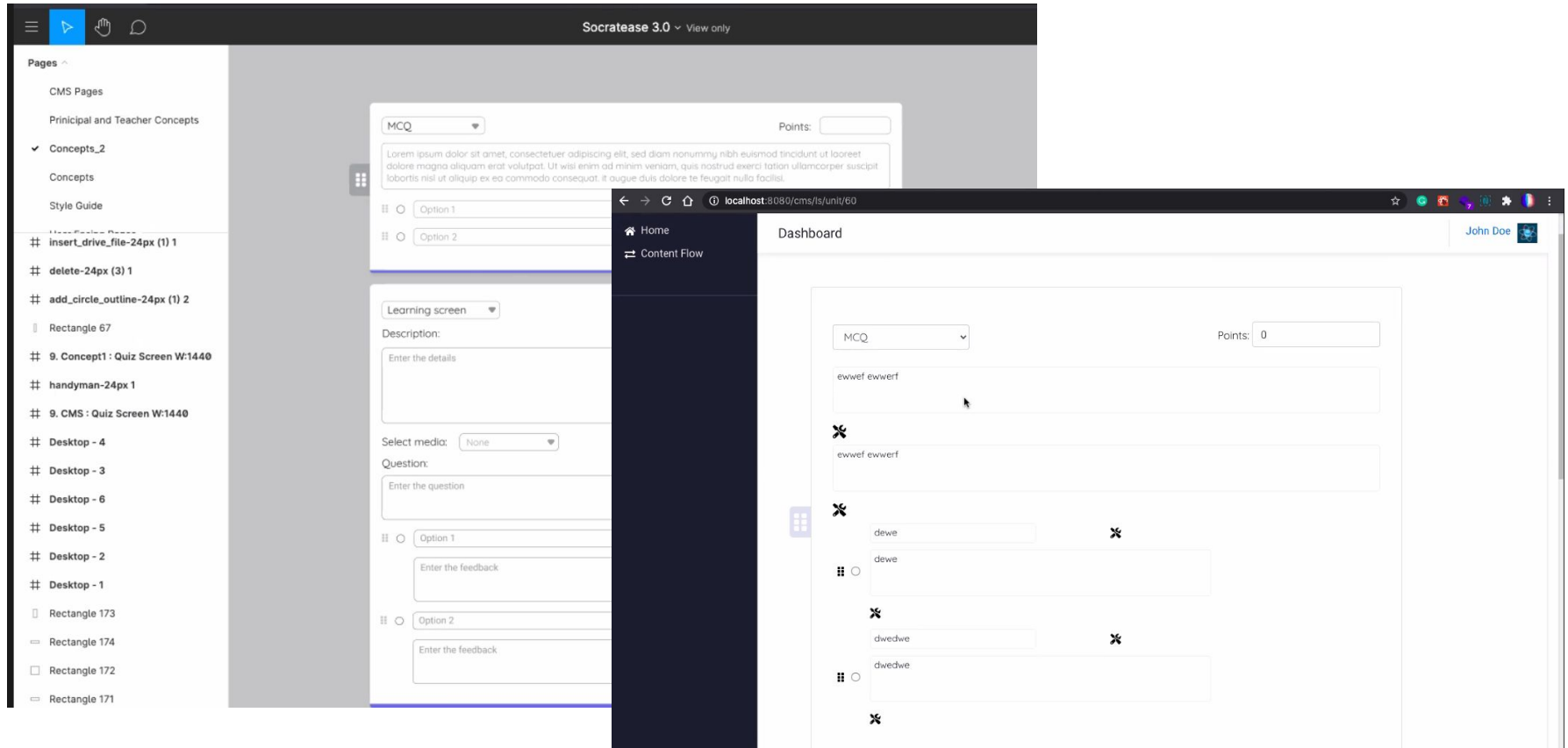
 Option 2

Enter the feedback

Update

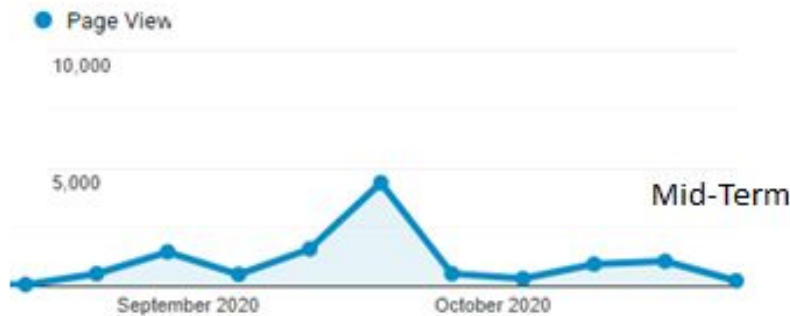
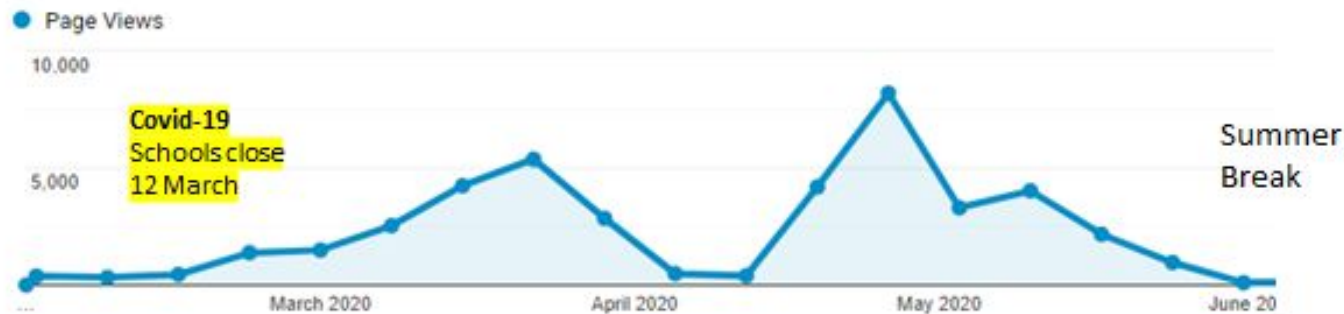
Preview

CMS UI Design - Work in Progress



Early BETA Usage: JCQuest.ie Ireland

53,000 page impressions since Jan 2020 Launch



Desktop

79.7%



Mobile

18.9%



Tablet

1.4%

Usage by device: **Mobile Phone increasing**

Users Sept to Oct

296 Users

System Users:

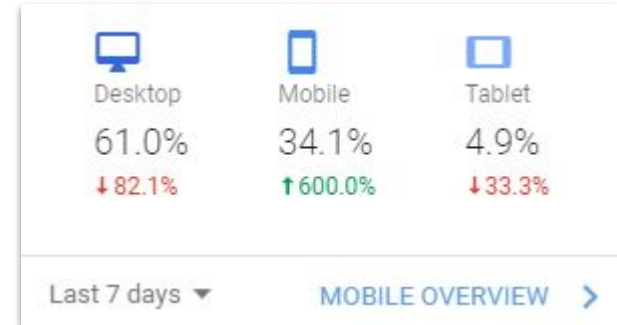
Operating System	Users	% Users
1. Windows	112	37.84%
2. Macintosh	101	34.12%
3. iOS	42	14.19%
4. Android	35	11.82%
5. (not set)	4	1.35%
6. Linux	2	0.68%

Of which Mobile Users

Operating System	Users	% Users
1. iOS	42	54.55%
2. Android	35	45.45%

	296 % of Total: 100.00% (296)
1. desktop	219 (73.99%)
2. mobile	63 (21.28%)
3. tablet	14 (4.73%)

Mobile use increasing as this school year progresses?



Could be just one or two iPad schools or homework on Smartphones?



Digital Assessment for Learning informed by Data to motivate and Incentivise Students

Content Development Planning

Intro to Next Steps

26 Nov 2020

Content Development and School Trials

IO2: Technology Development

CMS UI Upgrade
to support all question types

MCQ
CLOZE Q

Aug-Dec 2020

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Jun-June 2021

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Question Set Development
by Country Teams
Jan-Sept 2021

IO3: Content Development

IO5: School Trials & Evaluation

In School Trials
by Country Teams
From Sept 2021
Onward

Content Planning: Next Steps

- Upgraded CMS for new integrated question types complete by end Dec
- All question types ready before end March (CLOZE, MATCH, STA etc)
- Question Setting Training January
- Training in CMS Tool and New Question Types - Feb/March
- Request updated content plans including;
 - subject focus, translation plan, plans for new question sets and curriculum

Proposed Headings for Rev 2 Content Plans

- **Subjects and Coverage:** Which subjects will be covered? Which grades? How many topics? How much can JCQuest content be reused? Updates to align to local curriculum
- **Language:** Which content will be developed and trialled in native language, which will be used in CLIL approach with English language content
- **Resources to be applied:** Teachers, content specialists, technicians and translators to support the work
- **Key Topics/Threshold Topics:** How will coverage plan focus on the key/threshold topics and challenging concepts in the curriculum
- **Timeline for work:** Outline project plan based on following milestones
 - Preparation Oct-Dec 2020, Training: Jan-March 2021, Content Development Jan-June 2021, Content QA June-Aug 2021, School trials start Sept 2021

Three Question Setting Documents

Question Setting Guidelines

Summary from
Pedagogy & Subject
Guidelines

Draft under review by
Learnovate

DALDIS IO3: Curriculum Content Development

Template for Country
Project Outline

Version 2
Dec 2020

DALDIS Question Setting Training

DRAFT Rev. 0.5
8-Dec-2020

CMS and Question Type Rollout Schedule

MCQ/MMCQ: The revised **Content Management System (CMS)** with MCQ was completed and started testing on 7 Dec. Our target is to have this available as an advanced BETA version with testing and bug-fix complete by 10 Jan 2021 to allow the CMS and question setting training to begin. We aim to include MMCQ with this.

CLOZE Test: Our aim is to have the **CLOZE (fill the gaps)** test complete, tested and ready for question setting teams before the end of Jan 2020.

MATCH and STA: The **Matching and Short Text Answer** questions will be completed and tested in March 2021 for inclusion in final question setting training in March.

STA will require functionality to **allow the teacher to assess** the student's open-ended short answer and provide a mark.

DALDIS IO1: Question Setting Training

