

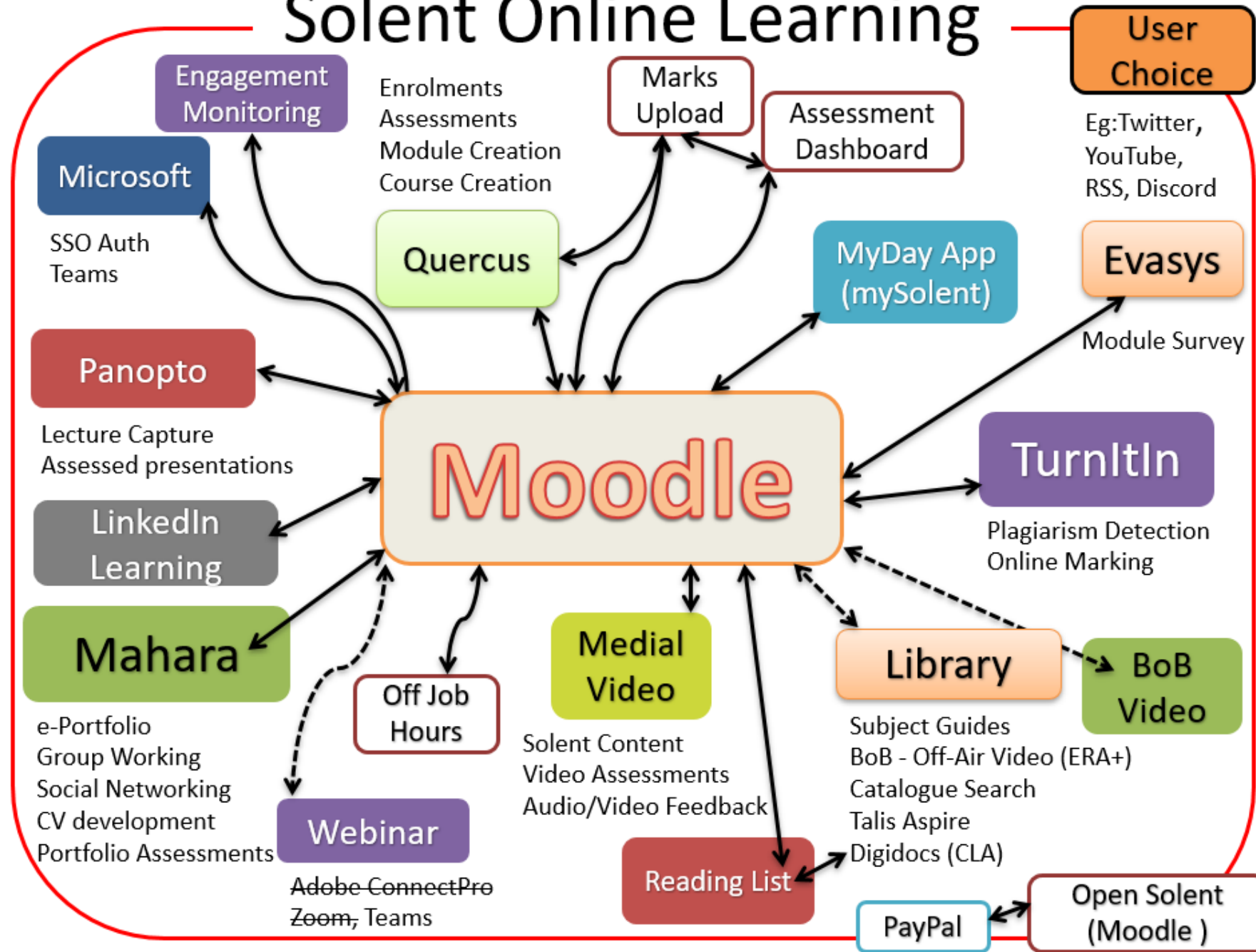
SOLENT
UNIVERSITY
SOUTHAMPTON

TEF Silver

**SOLENT EMA
(MARKS UPLOAD)**

Palmerston
Theater

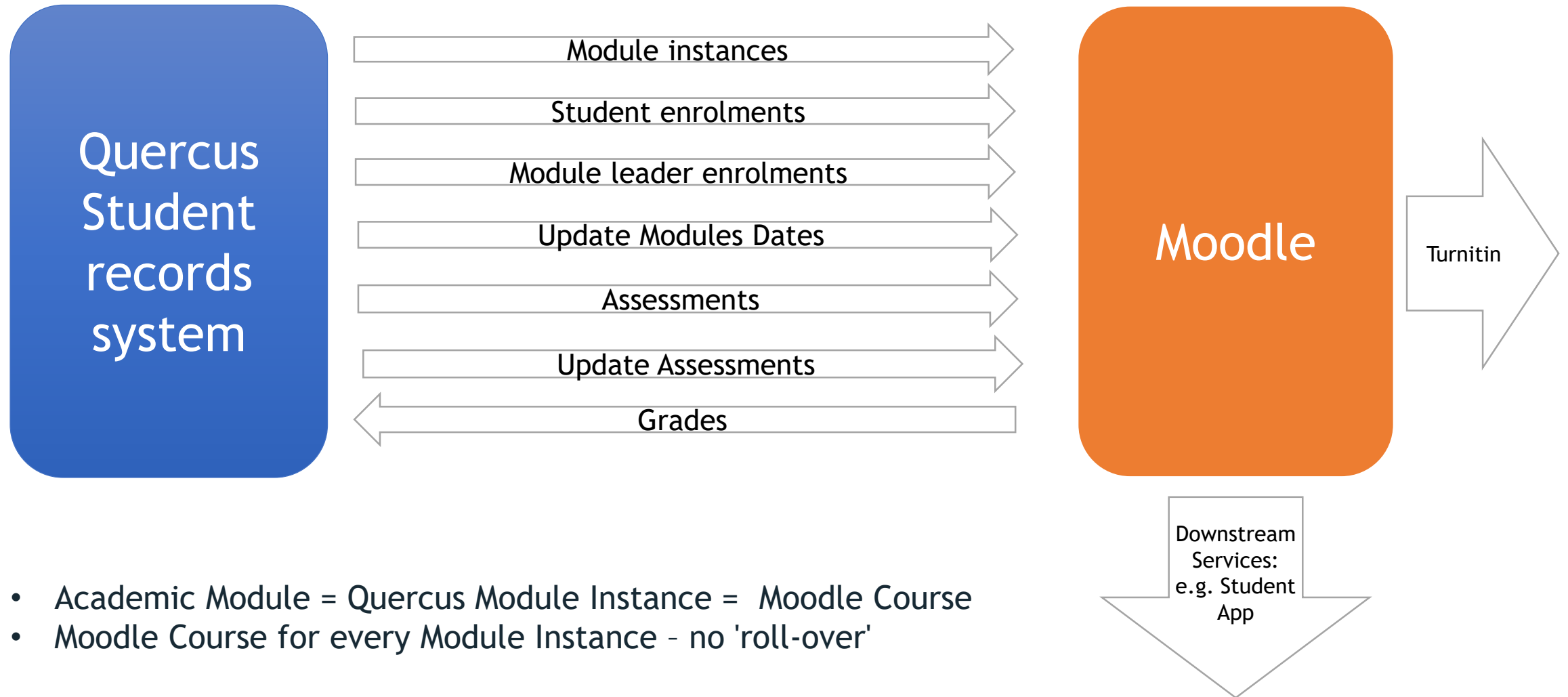
Solent Online Learning



STRATEGIC PROBLEM

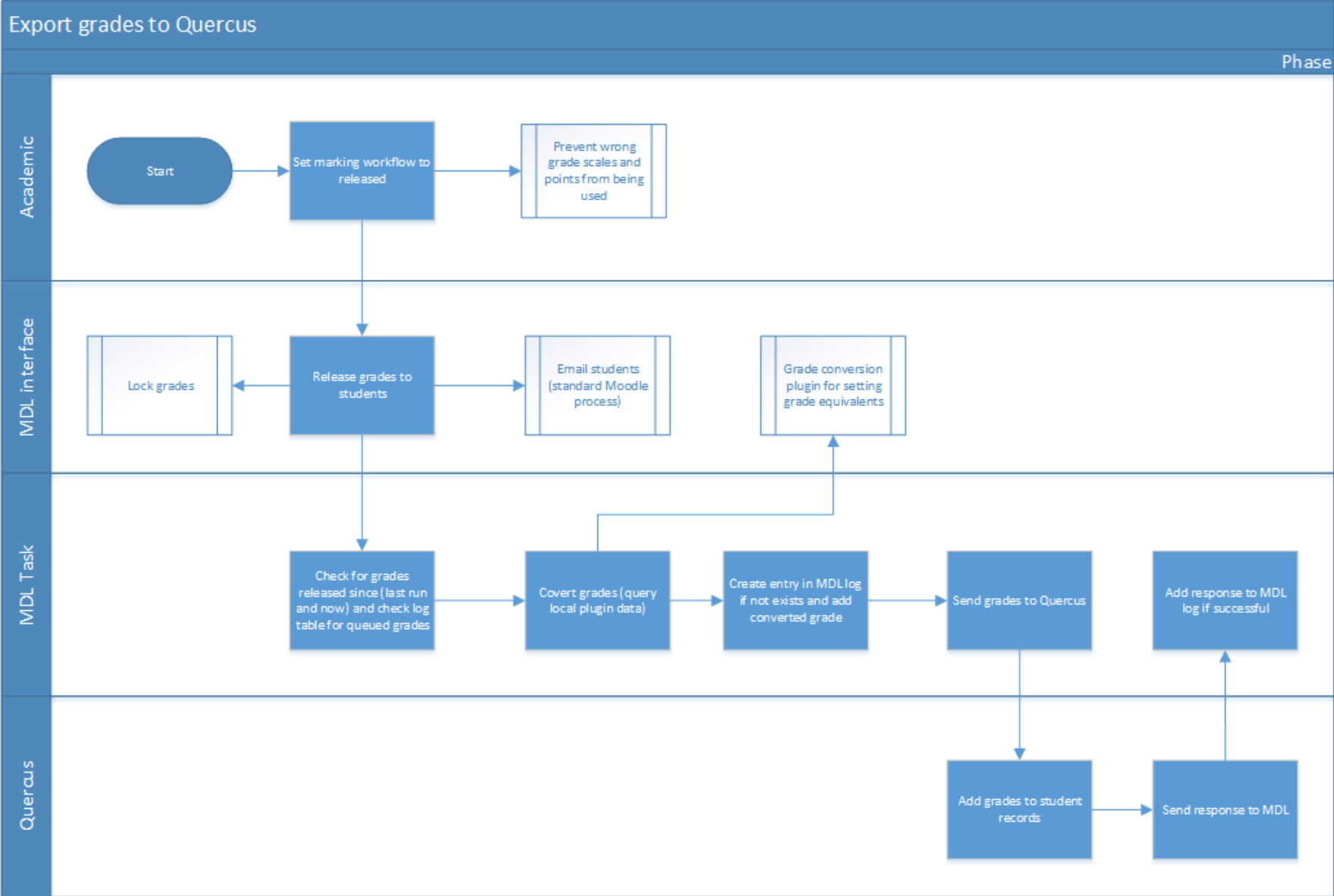
- 40,000 spreadsheets to collect assessment results
- Duplication of effort
- Transposition errors
- No standardised end to end process for assessment marking
- Poor data quality – especially assessment dates
- Security and data protection risk
- Inconsistent student experience across multiple systems
- Limited access for external examiners and second markers

DATA FLOW



- Academic Module = Quercus Module Instance = Moodle Course
- Moodle Course for every Module Instance - no 'roll-over'

PROCESS MAP



PLUGINS, TASKS, REPORTS

- **Assessment Types**

- myPortfolio (Mahara)
- Video/Audio (Medial)
- Physical Submission (Bar Code)

- **Scheduled Tasks**

- Create Assessments
- Update assessments
- Export Grades

- **Feedback types**

- Double Marking
- Sample
- Academic Misconduct

- **User Reports**

- Grade Report (External Examiner)
- Assessment Dashboard (Student)
- Assessment Dashboard (Staff)

- **Ad-Hoc Query Reports**

- Assessments in date range, Assessment overrides (ECs), Group Assignments, Late Submissions, Grades/Feedback released, Late grading, Date errors,

PLUGINS

Scheduled task - Create assessments

- Daily XML export from Quercus to Moodle
 - Module instance
 - Assessment name
 - ID Number
 - Weighting
 - Due date
 - Sitting
 - Academic year
- Assignments created only if due date exists in Quercus
- Cut off date and grade by date calculated from due date
- Assignment defaults are used
- Assignment due dates are shown to students

MOODLE CORE MODIFICATIONS

Locked fields:

- Assignment name
- Dates
- ID number

2 Grade scale available - alphanumeric and 1-100

'Released' marking workflow option only available for module leaders

Lock grades when grades are released

Prevent pagination of grading table

Student ID displayed instead of participant number for blind marking

Assignment tool renamed 'Formative assignment'

PLUGINS

Feedback types

- Double marking
 - Allows first and second markers to input grades alongside the final, agreed grade
- Sample
 - Indicates work to be check by moderators or external examiners.
- Academic misconduct
 - Allows a flag to be set to follow up

Double Marking	Sample
<input type="checkbox"/>	<input type="checkbox"/>
1. A3 - Sarah Cotton	Yes
2. A2 - Daisy Dolittle	

Grade

First grade

Second grade

Agreed grade

Marking workflow state ?

Current grade in gradebook
-

Part of moderated sample

Referred for academic misconduct

PLUGINS

Grade report

For summative assessments only; includes links to grading page for sampled work

Design Visualisation (AAP405)

Moderators

No moderators are currently assigned to this unit.

First name	Surname	ID number	Portfolio 1 (50%) First mark	Portfolio 1 (50%) Second mark	Portfolio 1 (50%) Final grade	Portfolio 1 (50%) Sample
Roger	Moore	14620766	C2	C2		Yes
Sean	Connery	14620774	A3	A2		Yes

Print this report

PLUGINS

Scheduled task - Export grades




- Converts alphanumeric grades to equivalent percentage
- Adds details to log table
- Picks up new grades locked since the last cron, plus entries in log table not processed due to integration failure
- Updates log table with response

id	assign	sitting	course	course_module	grader	student	converted_grade	response	parent_request_id	request_id	processed	payload_error
1047	26575	8840	30554	933727	26765	52469	0	0	44a8e0cc-bfa0-4649-b...	7fd51a9b-73d5-482...	SUCCESS	NULL
1048	26575	8840	30554	933727	26765	27250	0	0	44a8e0cc-bfa0-4649-b...	a0ebff57-3b42-43c...	NOT REQUIRED	Student 70503789 mark not required for second sitting.
1049	26536	8801	28126	933688	26765	31020	52	0	aab22b24-b1d1-4c2c-...	97d62730-8d99-48...	FAILED	Failed to validate course details against Live Link for student

PLUGINS

Scheduled task - Update dates

- Applies date changes made in Quercus
- All dates updated similar to the 'Upload courses' update functionality
- Functionality in separate tasks in case of error

Add new assignments \\local_quercus_tasks\task\add_new_assignments	Quercus Tasks		Wednesday, 20 March 2019, 3:46 PM Run now
Export grades \\local_quercus_tasks\task\export_grades	Quercus Tasks		Thursday, 21 March 2019, 1:49 PM Run now
Update dates \\local_quercus_tasks\task\update_dates	Quercus Tasks		Never Run now

▼ Availability

- Allow submissions from (optional) Enable
- Due date Enable
- Late submission/cut-off date Enable
- Remind me to grade by Enable
- Always show description

▼ Submission types - click (?) icons for help with file sizes and other submission settings

- Submission types - click (?) icons for help with file sizes and other submission settings
- Video/Audio submission File submissions myPortfolio (Mahara) Online text Physical Submissions (pilot modules only)
- Maximum submission size
- Site
- Lock submitted pages
- Submission location
- Cover sheet available

▼ Feedback types

- Feedback types Double Marking Academic misconduct Sample Feedback comments Offline grading worksheet Feedback files

PHYSICAL SUBMISSION

- Non-digital assessments identified by barcode
- Barcode is digital identifier that flows through Marks Upload process
- Items submitted at the 'hatch' have bar code attached
 - Additional bar codes for multipart items
 - Bar code scanned as registered as a submission
- Assessments scanned in a 'base room' by assessment administrator
 - Workshop, studio, lab, performance area, gym
 - Bar code scanned as registered as a submission

Unit code: TPS



Unit name: Test Physical Submissions

Unit leader:

Assessment title: physical submission

Submission location: Location

Instructions

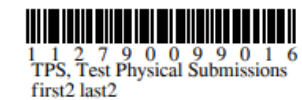
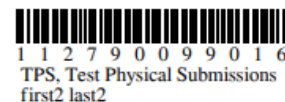
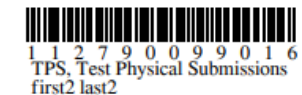
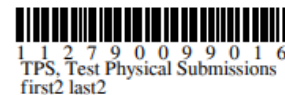
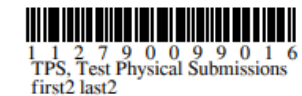
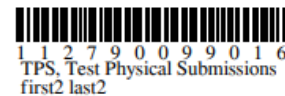
Due date: 05/12/2019 00:00

Notes:

Student ID:

Student name: first2 last2

This form should only be used for your own work and, where facts and ideas have been used from other sources, these sources must be appropriately referenced. The University's academic handbook includes the definitions of all practices that will be deemed to constitute academic misconduct.



ASSESSMENT DASHBOARD (STUDENT)

✉ Ask for help

📘 Online helpdesk

📅 Calendar

🏠 Assessment dashboard

My courses ▶

Student Support ▶

Staff help ▶

Library services ▶

LinkedIn Learning

myPortfolio

Bookmarks ▶

Assignment	Due Date	Date Submitted	Date Graded	View Feedback	Grade
Literature Review (50%)	13-12-2019, 4:00 PM	Not submitted	-	-	-
Literature Review (50%) - Second Attempt	04-09-2020, 4:00 PM	04-09-2020, 3:29:17 PM	08-09-2020, 3:40 PM	• Feedback comment	C2
Practical/Oral (50%)	05-06-2020, 4:00 PM	Not submitted	-	-	-

Nutrition for Health and Exercise (HES519)

01/02/2021 - 22/05/2021

Assignment	Due Date	Date Submitted	Date Graded	View Feedback	Grade
Case Study 1 (60%) - Second Attempt	07-07-2021, 4:00 PM	07-07-2021, 8:20:11 AM	15-07-2021, 4:39 PM	• Turnitin feedback • Feedback comment	B1
Test 1 (40%)	19-05-2021, 4:00 PM	Not submitted	25-05-2021, 2:42 PM	-	B2
Case Study 1 (60%)	23-04-2021, 4:00 PM	Not submitted	-	-	-

Sport and Exercise Biomechanics (SSC502)

01/02/2021 - 22/05/2021

Assignment	Due Date	Date Submitted	Date Graded	View Feedback	Grade
Practical 1 (40%)	21-04-2021, 4:00 PM	Not submitted	-	-	-
Practical 1 (40%) - Second Attempt	07-07-2021, 4:00 PM	07-07-2021, 2:32:02 PM	08-07-2021, 2:59 PM	• Feedback comment	A4
Class Test 1 (60%)	18-05-2021, 4:00 PM	Not submitted	09-06-2021, 10:09 AM	-	A3
Class Test 1 (60%) - Second Attempt	07-07-2021, 4:00 PM	Not submitted	-	-	-

ASSESSMENT DASHBOARD (STAFF)

Search[Ask for help](#)[Online helpdesk](#)[Calendar](#)[Assessment dashboard](#)[My courses](#)[Student Support](#)[Staff help](#)[Library services](#)[LinkedIn Learning](#)[myPortfolio](#)[Bookmarks](#)

Leadership through Sport and Exercise Science (HES305)

28/09/2020 - 15/01/2021

Assignment	Due Date	Grading due	Submission types	Submissions	Grading status
Workshop 1 (100%)	04-12-2020, 4:00 PM	01-01-2021, 4:00 PM	• File submissions	Students: 25 Drafts: 2 Submissions: 14	Grades released (21 days late)
Workshop 1 (100%) - Second Attempt	07-07-2021, 4:00 PM	04-08-2021, 4:00 PM	• File submissions	Students: 25 Drafts: 0 Submissions: 0	Grades released

Food Chain and Sustainability (HES523)

05/10/2020 - 15/01/2021

Assignment	Due Date	Grading due	Submission types	Submissions	Grading status
Essay 1 (50%)	16-12-2020, 4:00 PM	13-01-2021, 4:00 PM	• File submissions	Students: 14 Drafts: 0 Submissions: 14	Grades released (8 days late)
Poster 1 (50%)	15-01-2021, 4:00 PM	12-02-2021, 4:00 PM	• File submissions	Students: 14 Drafts: 0 Submissions: 14	Grades released (4 days late)
Essay 1 (50%) - Second Attempt (hidden)	07-07-2021, 4:00 PM	04-08-2021, 4:00 PM		Students: 14	Grades need to be released (112 days late)
Poster 1 (50%) - Second Attempt (hidden)	07-07-2021, 4:00 PM	04-08-2021, 4:00 PM		Students: 14	Grades need to be released (112 days late)



WHAT HAS BEEN ACHIEVED?

- Flushed out and improved bad data at university level
- Improved other data supported university projects
- End to end marking process has been streamlined including moderation
- Positive feedback from assessment office - huge reduction in admin
- Students get advanced notice of assessment in calendar
- Engagement Monitoring
- Monitoring of date bunching
- Identified practice that 'differs' from the business understanding
- Reports for support and workload planning
- Four processes deleted
- Physical Submissions / bar codes enabled
- Environmental improvement (no triple carbon cover sheets)
- Project team won 'Continuous Improvement' Solent Award

EFFICIENCY

- Reduced administration
 - Time saving : 20 minutes for each of 1868 assessments
 - 622.7 hours saved in first u/g pilot run
- Reduced Appeals:
 - 41 % Reduction in Appeals
 - 2016/7 Student Appeals for Missing Marks 122
 - 2017/18 Student Appeals for Missing Marks 72
 - equating to 91.5 hours saving
- Physical submission bar code
 - ‘Base Room’ submission process 66% time saving per submission
 - *“...a large class of students which can take as long as an hour, by the time you stamp the cover sheet and pull off the top two sheets for the student to keep with their work, then keep the yellow copy for our records and give the green copy to the student as a receipt. We also have to take a register with a grade mark sheet of the students that have just handed in and so it takes a lot longer than just zapping with a barcode reader, ten minutes tops if you are on the right SOL page.”*

WHAT NEXT?

Wishlist:

- Support for non-standard courses (eg CPD, Short Courses)
- Support for other gradable items (quiz, forum)
- Quick marking for sample and double marking columns in grading table

RESOURCES

Code:

[https://github.com/ltu-solent/moodle-local quercus tasks](https://github.com/ltu-solent/moodle-local_quercus_tasks)

Student help page:

<https://learn.solent.ac.uk/help>



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