Institution 5

Use Case 1.0 Item Development

JISC Digital Repositories Programme

Actors: Course tutors, key skills experts, QuestionMark System

Summary:
Course tutors develop assessment items as necessary or items are used from previously created questions from key skills experts. Assessment items are stored in the institution's one central item bank – QuestionMark.

Trigger state:
Question levels are inadequate to meet the needs of coming exams

Common course of events:
1. Course tutors develop assessment items for courses, as necessary.
2. Assessment items are stored in college's central item bank.

Post-conditions:
Questions ready to be quality assured.

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Institution 5

Use Case 2.0 Quality Assurance

JISC Digital Repositories Programme

Actors: e-Learning development director, curriculum key skills development director, QuestionMark System

Summary:
The development directors collate the questions that have been added to the assessment item bank and decide if they are acceptable – the items are assessed against central quality assurance standards model for every course, at regular intervals throughout the academic year.

Trigger state:
Questions have been written and are ready for review.

Common course of events:
1. Development directors assess the content, structure and grammar of assessment items against quality assurance standard models
2. When accepted, assessment items are added to item bank.

Extensions:
2a. Item may not be added to bank if it fails to meet quality assurance standards.

Post-conditions:
If accepted, questions are ready to be used in examinations.

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Institution 5

Use Case 3.0 Item Selection

JISC Digital Repositories Programme

Actor: Course tutor

Summary:
Course tutors select can either manually select questions based on topic and difficulty or can opt for automated selection.

Trigger state:
Questions have been entered into the bank, reviewed and accepted.

Common course of events:
1. Course tutors select assessment items to be used in online assessments.

Post-conditions:
The exam is ready to be taken online.

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Institution 5

Use Case 4.0 Exam Delivery

JISC Digital Repositories Programme

Actors: Students, VLE

Summary:
Students take the exam online.

Trigger state:
Questions have been selected for the exam.

Common course of events:
1. The exam is ready to be taken online and the students log on and choose when to take the exam.

Post-conditions:
Results are ready for analysis

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Institution 5

Use Case 5.0 Results Analysis

JISC Digital Repositories Programme

Actor: Key skills development director, QuestionMark System, key skills team

Summary:
Once questions have been used in exams their performance data can be extracted from the QuestionMark system.

Trigger state:
Assessment items have been used in examinations.

Common course of events:
1. Data is extracted from QuestionMark by key skills development director and question performance data is made available to key skills team.

Post-conditions:
Question performance can be assessed and as a result can be improved or discarded.

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