Lument - An Assignment Supervision and Evaluation App

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1. Context-Level Data Flow Diagram:

Course Teacher

Student information, Report

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Lument App

Student information

Course materials, Questions, Result analysis report

Course materials, Notification, Schedule, Results, Status

Student

2. Data Flow Diagram:

7.0
Course Materials

Generating Course Materials

Read the course materials

Save the course materials

Course Materials

Student

Providing Materials

Participating in Quiz

Know the quiz results

Course Teacher

Creating Questionnaire

1.0
Preparing Questionnaire

2.0
Taking Quiz

Learn the Right answers

Saving Quiz Questions

Provide the Questions

Quiz Questions

Check the quiz answers

3.0
Ananlysis of Quiz Questions and Answers

Generate quiz results

Providing the right and wrong indication

Quiz Results

Save the final results

4.0
Generating Results

Generate the final results

5.0
Providing Right Answers

Providing answers

Quiz Solution

Generating Reports

6.0
Generating Reports

Supplying the Reports

3. Entity-Relationship Diagrams:

Can Read
can be read by

Course Materials
Documents

Can be Created by
Can provide

Can provide Questions & Answers

Student
Student information
Results

Can be created from

Teacher
Course materials
Questions
Report card

Can participate in
Can be participated

Quiz
Questionnaires
Form
Schedule
Notify

Can be prepared by
Can prepare