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E-QUIZ

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Abstract

E-quiz is an android application for students and teachers. This application allows teachers to create a class for a specific course. Once the teacher has created the class they can upload the quiz in that class at the assigned time to students. This application not only allows teachers uploading quiz, whereas it also helps teachers in checking and marking the quiz automatically. Using E-quiz students enroll themselves in the required class and attempt the quiz without the need for any paper or pen. As soon as the student submits his solution or quiz time gets over, his quiz is marked and the result is shown at his profile. Teachers get the list of quiz marks within a second.

In order to solve the above described problem we have come up with two different modules. The first module is a very simple objective checking module in which we will map the answer of each question with snapshot of database if the answer is a match marks will be incremented by total number of marks. For the Subjective module we are using NLP techniques to check the answer. Firstly we tokenize the whole stream of answer provided by the user and then we match the each word with the list of keywords provided by the teacher. If there is a match we add that keywords into found keywords list, if not then we check the resemblance of current token with each keyword. If the resemblance is greater than 0.5 then we append that keyword to the list. Then finally we compute the total marks for that question.

Contents

Abstract	i
1 Introduction	1
1.1 Project background and overview	1
1.2 Project Objectives	1
1.2.1 Purpose	2
1.2.2 Scope	2
1.2.3 Marketing Analysis	2
1.2.4 Targeted Audiencer	2
1.2.5 Language Used (Java)	3
1.2.6 Tools and Technology	3
1.3 Problem Statement	3
1.4 Problem Description	3
1.5 Proposed System	4
1.5.1 Description of the flow diagram and Proposed Algorithm	5
1.6 Feasibility study	6
1.6.1 Risks Involved:	6
1.7 Summary	6
2 Litratue review	7
2.1 Technology Review	7
2.1.1 Android	7
2.1.2 Natural Language Processing "NLP"	7
2.2 Existing Applications	8
2.2.1 QuizUp	8
2.3 Summary	9
3 Requirement Specification	10
3.1 Functional Requirements	10
3.1.1 Main Portals	11
3.2 Non-Functional Requirements:	11
3.2.1 Accuracy	11
3.2.2 Usability	11
3.2.3 Accessibility	11
3.2.4 Performance	12
3.2.5 Reliability	12
3.2.6 Security	12

3.2.7	Availability	12
3.3	Software and Hardware Requirements	12
3.3.1	Software Requirement	12
3.4	Use Case Diagrams	12
3.5	Use Case Description:	14
3.6	Summary	19
4	Detailed System Design:	20
4.1	Activity Diagram:	20
4.2	Sequence Diagram:	23
4.3	Summary:	26
5	System Implementation	27
5.1	Tools and Technologies	27
5.1.1	Android Studio	27
5.1.2	Firebase Cloud Storage	28
5.1.3	XML	28
5.1.4	Java	28
5.1.5	Python	28
5.1.6	NodeJs	28
5.2	Working	28
5.2.1	Algorithm Designing	29
5.3	Application Interface	30
5.3.1	E-Quiz Opening Screen	31
5.3.2	Teacher login and signup screens:	32
5.3.3	Student login and signup screens:	33
5.3.4	Teacher Account and Courses:	33
5.3.5	Add Courses:	34
5.3.6	Create Quiz:	35
5.3.7	Start Quiz:	36
5.3.8	Student Interface:	37
5.3.9	View Courses:	38
5.3.10	Solve Quiz:	39
5.3.11	View Quiz Record:	40
5.4	Summary	41
6	System Testing and Evaluation	42
6.1	Software Testing Techniques	42
6.1.1	Functional Testing	42
6.1.2	Performance Testing	43
6.1.3	Acceptance Testing	44
6.1.4	Graphical User Interface Testing	44
6.1.5	Compatibility Testing	44
6.2	Test Cases	44
6.2.1	Installation of App Test Case Discription:	44
6.2.2	Open Application Test Case Discription:	45
6.2.3	Register Teacher Test Case Discription:	46

6.2.4	Teacher Login Test Case Discription:	47
6.2.5	Add New Course Test Case Discription:	48
6.2.6	Quiz Creation Test Case Discription:	49
6.2.7	Start Quiz Test Case Discription:	50
6.2.8	Register Student Test Case Discription:	51
6.2.9	Student Login Test Case Discription:	52
6.2.10	Join Course Test Case Discription:	53
6.2.11	Attempt Quiz Test Case Discription:	54
6.2.12	Delete Course Test Case Discription:	55
6.2.13	Marking Quiz Test Case Discription:	56
7	Conclusion and Future Work	57
7.1	Conclusion	57
7.2	Future Work	57

List of Tables

1.1	Enlists the Risk and Mitigation that can be the part of proposed system . . .	6
3.1	Use Case Description for Registration	14
3.2	Use Case Description for Login	15
3.3	Use Case Description for Enroll Course	15
3.4	Use Case Description for Attempt Quiz	15
3.5	Use Case Description for Check Record	16
3.6	Use Case Description for Logout	16
3.7	Use Case Description for User Sign Up	16
3.8	Use Case Description for User Login	17
3.9	Use Case Description for Upload Quiz	17
3.10	Use Case Description for Store Keywords	17
3.11	Use Case Description for Start Timer	18
3.12	Use Case Description for Terminate Quiz	18
3.13	Use Case Description for Evaluate Quiz	18
3.14	Use Case Description for Sum Up Result	19
3.15	Use Case Description for LogOut	19
6.1	Installation of App "Positive"	44
6.2	Installation of App "Negative"	45
6.3	Open Application "Positive"	45
6.4	Open Application "Negative"	45
6.5	Register Teacher "Positive"	46
6.6	Register Teacher "Negative"	46
6.7	Teacher Login "Positive"	47
6.8	Teacher Login "Negative"	47
6.9	Add New Course "Positive"	48
6.10	Add New Course "Negative"	48
6.11	Quiz Creation "Positive"	49
6.12	Quiz Creation "Negative"	49
6.13	Start Quiz "Positive"	50
6.14	Start Quiz "Negative"	50
6.15	Register Student "Positive"	51
6.16	Register Student "Negative"	51
6.17	Student Login "Positive"	52
6.18	Student Login "Negative"	52
6.19	Join Course "Positive"	53