Database Design

Alex Taylor - amt22@aber.ac.uk

February 20, 2017

Version 1.0 (Release)

Contents

1   Tables

There will be six tables:

1. Admins

2. Admin_Details

3. Quizzes

4. Questions

5. Quizzes_Questions

6. Sessions

The first two store information about the Admin users, i.e. the lecturers, the Admin table being used to store the name, email and other details, whilst the Admin_Details table will be for storing password and login details.

Quizzes will store the name of a quiz and the id of the admin who created it. The Questions table stores all the questions created and the Quizzes-Questions table is the link between the two. It stores which questions belong to which quiz.

2   Entity Relationship Diagram

Admins

PK	id
	name
	email

Admin_Details

PK	id
	login
	salt
	encrypted_password

Quizzes

PK	id
	name
	admin_id

Questions

PK	id
	text
	type
	answer1
	answer 2

Quizzes_Questions

PK	id
	question_id
	quiz_id

Sessions

PK	id
	admin_id
	session_key