

Group 6

Members:

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First Proposal: Time-logging system

The aim of the project is to create a time-logging system for employee's where the employee can log in and out of the system, and the administrator can view, sort and manipulate the data. Furthermore any number of users and administrators can use the system at the same time. The system will automatically make two versions of backup where one is the unaltered data and the other is the altered version.

Preliminary features

- The user can log in and out using the system;
- The user can not view the data apart from his own logs;
- The administrator can view all the data from the database;
- The administrator can change the data from the database;
- The administrator can search for data points and/or use filters from the database;
- The administrator can print out selected data;
- The database makes a backup of the unchanged data and the changed data separately;
- The administrator will be informed of suspicious (unusual) data in the system;
- Multiple users and administrators can use the system at the same time;

Second Proposal: Language learning platform

The aim of the project is to create a multi-user quiz application for a language school, where students can actively participate in creation of quizzes in order to aid in language acquisition and comprehension.

Features – Collaborative Quiz creation

- Teacher creates 'virtual classroom' for students to join;
- Teacher selects topic – with list of words that students can create questions about. (eg. work, sports, hobbies etc.);
- Student selects word to work with. (only one student can work with this word);
- Student selects what type of question to create from 1 of 5 options. (odd one out, antonym, synonym, missing word, meaning of word);
- Students write a question and 4 possible answers(3 incorrect & 1 correct);
- Student submits question for teacher's approval;
- Teacher approves and commits question to quiz or edits it if necessary;
- Once all questions have been approved, quiz is created & code is created for students to take quiz;

Features Quiz

- Students enter code to participate in quiz;
- Questions are displayed along with 4 possible answers, students have limited time to answer question before next question is displayed;
- At end of quiz correct answers are displayed along with students score;

Features General

- Students and teachers have username & password to login to system;
- 2 levels of privileges admin (Teacher)& participant(student);
- Students have access to all previously taken quizzes & questions they have created;

Third Proposal: Communication/File Sharing Platform

The aim of the project is to create a communication platform that will allow creating different chatrooms and share the files between the users. There will be two types of actors: users and administrators; with different responsibilities and permissions.

Preliminary features

- The user can log in and out of the platform;
- The user can create a chatroom;
- The user can upload and download files from the chatroom;
- The administrators can view data about the users and chatrooms;
- The administrators can restrict and delete users and chatrooms;
- The system must store all the data and the communication;