Raqib System Project

By Abdalrhman khashashneh

Contents

ABSTRACT

Raqib management system is an application-based system, having two users to apply in, one for admin to manage schools details, and the other one for the schools manger to control there system.

INTODUCTON:

1.1 project description

Raqib Management System is an application, developed to maintain the details of schools working in any organization. It maintains the information about the personal details of their student , also the details about their activities and there behavior . The application is actually developed using Laravel.

This software package has been developed using the powerful coding tools of HTML, CSS and bootstrap at Front End and MySQL Server at Back End and also the Laravel framework. The software is very user friendly. The package contains different modules like Schools details, Students module, Activities module. This version of the software has multi-user approach. For further enhancement or development of the package, feedback will be considered.

1.2 Objective of the project

In the school when you sent your child you need to watch there activities and behavior . most school don’t give you the needed feedback for that and some schools send the feedback with student , so some student can be afraid to give there parents the real feedback .

raqib will give you the full feedback a about your childe .

SYSTEM ANALYSIS:

2.1 System Requitements

2.1.1 Functional Requirements

The admin can log in into his dashboard which display two of different information one for the Schools, so he can see the Schools details and can make operations on them like add, edit and delete Schools, the second for teachers, students, and classrooms in general to display their details.

In the side bar he can access the school's section the show all schools, and you can show all details about this schools, like their teachers, courses, classrooms, and students and can add, edit and delete all of them.

The other sections in the side bar teachers, classrooms and students in general that show all information's about the section

The students in this section can show the information about the student and his activities, assignment and do all operations edit, add, delete

The teachers in this section can show the information about the teachers do all operations edit, add, delete

The classrooms in this section can show the information about the classrooms do all operations edit, add, delete

And he can log out the system by clicking on the logout button.

The user can log in into his dashboard which display teachers, students, and classrooms in general to display their details.

The other sections in the side bar teachers, classrooms and students in general that show all information's about the section

The students in this section can show the information about the student and his activities, assignment and do all operations edit, add, delete

The teachers in this section can show the information about the teachers do all operations edit, add, delete

The classrooms in this section can show the information about the classrooms do all operations edit, add, delete

And he can log out the system by clicking on the logout button.

2.1.2 Non-Functional Requirements

Availability Requirement

The system is available 100% for the users and is used 24 hrs. a day and 365 days a year. The system shall be operational 24 hours a day and 7 days a week.

Efficiency Requirement

Mean Time to Repair (MTTR) - Even if the system fails, the system will be recovered back up within an hour or less.

Accuracy

The system should accurately provide real time information taking into consideration various concurrency issues. The system shall provide 100% access reliability.

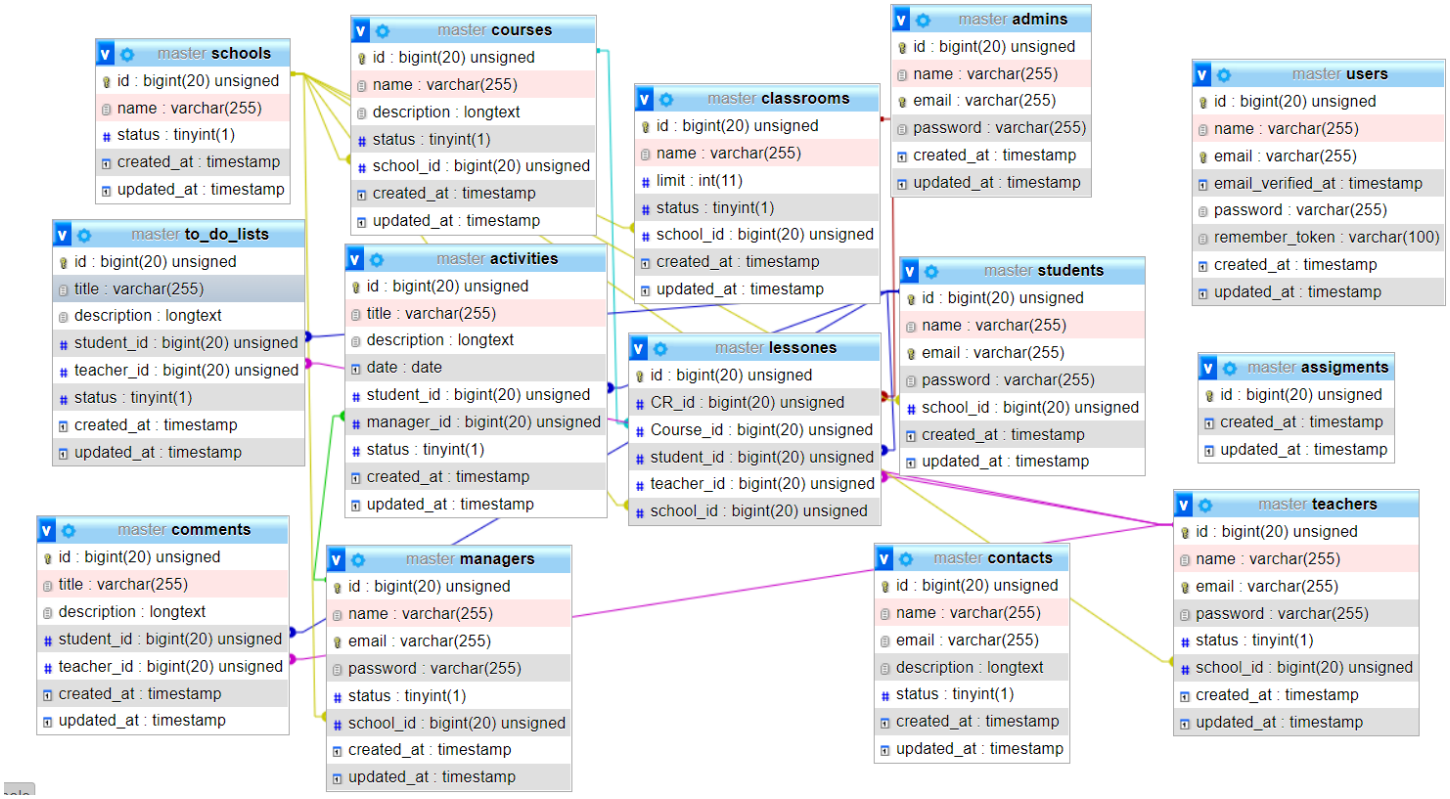
Reliability Requirement

The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data. The system will run 7 days a week, 24 hours a day.

2.2 Employ management system ER diagram

The **Raqib system ER diagram** shows the relationships of the system's entities that build its **database design**. ER diagram describes the logical structure of the

system’s database or data storage. It is done by identifying the Raqib management process entities, their properties, and the interactions between them.



The **Raqib system ER Diagram** was made based on schools information requirements. Its database design can store and secure schools information. Admin can have access to the employees’ status and information to see their performances. They can handle the data needed in managing employees and their job departments.

This ER diagram shows the tables I made to make the Raqib system, and the relations between them.
the users have many relations with many other tables with the one-to-many relationship type.

2.3 Employ management system use-case diagram

In the Unified Modeling Language (UML), a use case diagram can summarize the details of your system's users (also known as actors) and their interactions with the system. To build one, you'll use a set of specialized symbols and connectors. An effective use case diagram can help your team discuss and represent:

- Scenarios in which your system or application interacts with people, organizations, or external systems.
- Goals that your system or application helps those entities (known as actors) achieve.
- The scope of your system.