**SYNOPSIS**

Creating **an application for admin, teachers and students** of school such that the administration can effectively manage the creation of **generating time table** for teachers and students. Additionally, the teachers and students can easily access the same.

The application would have a **login page** where each user can enter their username and password to gain access to their respective features.

**FEATURES**

Once the admin logs in, they can access a **dashboard** where they can create new teacher and student accounts. They can also create a timetable for both teachers and students, manage passwords, and solve technical issues.

When the teacher logs in, they can access their timetable and view the details of the students they teach.

When the student logs in, they can access their own dashboard and view their timetable.

**LANGUAGES**

To build this application, **Random module** would be used for generating random values like user IDs and passwords. The **SQL connector** would be used to manipulate data in the database. **PyQt** would be utilized to develop an interactive user interface with features like login, dashboard, and data visualization.

By leveraging these technologies, the application can be designed to be user friendly, secure, and scalable.

**CONCLUSION**

Overall, this application would allow for efficient management of school-related activities for each specific user group, and creation of timetable for teachers and students that is a time-consuming task.

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