**IAP GROUP 7 PROJECT**

**Introduction**

The school management system is a web-based application designed to help schools manage their students, teachers, courses, and other relevant information. It offers a range of features, including the ability to track student attendance, manage grades and assignments, and communicate with teachers and parents.

**System requirements**

Hardware: The system requires a server with at least 4GB of RAM and 50GB of storage space.

Software: The system runs on PHP 7.4 or higher and requires a web server such as Apache or Nginx. It also requires a database server such as MySQL or MariaDB.

**Installation instructions**

Install PHP 7.4 or higher and a web server such as Apache or Nginx.

Install a database server such as MySQL or MariaDB and create a new database for the system.

Download the latest version of the school management system from the project website.

Extract the downloaded file and copy the contents to the desired location on your web server.

In the .env and update the database and other configuration settings as needed.

Run the following command to install the required dependencies:

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composer install

Run the following command to create the necessary database tables:

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**php artisan migrate**

Seed the database with dummy data using the following command:

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**php artisan db:seed**

Set the web server's document root to the public directory of the system.

Access the system in your web browser by visiting the URL where you installed it.

**User documentation**

To log in to the system, use the following default credentials:

Email: admin@admin.com

Password: group7

Once logged in, you can use the following features:

Manage students: Add, edit, and delete student records.

Manage teachers: Add, edit, and delete teacher records.

Manage courses: Add, edit, and delete courses.

Manage assignments: Add, edit, and delete assignments and track student submissions.

View attendance: View student attendance records and mark attendance.

The system can be customized to meet the specific needs of your school in the following ways:

Configuration options: The .env file includes a range of configuration options that can be modified to change the behavior of the system.

Customization hooks: The system includes a number of customization hooks that allow you to extend or modify its behavior by writing your own code.

Maintenance and troubleshooting

Back up the database regularly to prevent data loss.

If you encounter any issues with the system, check the error log for troubleshooting information.

If the issue persists, contact the development team for assistance.

API documentation

The system includes a RESTful API that allows developers to access and manipulate data stored in the system. The API documentation can be found at /api/docs.

**Future developments**

Planned future developments for the system include:

Mobile app: A mobile app version of the system for on-the-go access.

Improved communication features: Enhanced messaging and notification features for better communication with students, teachers, and parents.

**Conclusion**

The school management system is a powerful tool for helping schools

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