**Abstraction:**

The Patashala System is built upon modern technology to create a seamless experience for all stakeholders. It incorporates modules such as Student Login, Faculty Dashboard, College Admin Panel, and Parent Portal, each offering unique functionalities to enhance the educational experience.

**Introduction:**

The Patashala System is a comprehensive platform designed to streamline various processes within an educational institution. It caters to students, faculty, college administrators, and parents, providing them with specific features tailored to their needs. The system aims to improve efficiency, communication, and overall management within the college ecosystem.

**Existing System with Disadvantages:**

In the traditional Patashala setup, manual processes are predominant, leading to inefficiencies and delays. For example:

* Student information management relies heavily on paperwork, leading to potential data loss or errors.
* Faculty members may face challenges in managing attendance manually, resulting in inaccuracies.
* Communication between stakeholders, such as parents and college administrators, may be limited or delayed, impacting decision-making.
* Access to learning materials like recorded classes, notes, and e-books may not be readily available or organized.

**Proposed System with Advantages:**

The proposed Patashala System addresses these shortcomings and offers several advantages:

* Efficient Information Management: Centralized database management for students, faculty, and courses, reducing paperwork and ensuring data accuracy.
* Automated Processes: Features like automated attendance tracking, course material uploads, and communication tools streamline daily operations.
* Enhanced Communication: Instant notifications, Q&A forums, and feedback mechanisms facilitate real-time communication among stakeholders.
* Access to Learning Resources: Students can easily access live and recorded classes, notes, e-books, and curated website links, promoting continuous learning.
* Feedback Mechanisms: Robust feedback mechanisms enable students, faculty, and parents to provide valuable insights for continuous improvement.
* Data Analytics: Advanced analytics tools provide valuable insights into student performance, attendance trends, and course effectiveness, aiding in decision-making.

**Modules**

**Student login**

1.view live classes

2.view recorder classes

3.View notes

4.QNA

5.Update profile

6.View E-books/websites links

7.feedback

**Faculty**

1.update profile

2.upload live classes

3.Add recorded classes

4.Add notes

5.Response for QNA

6.add attendance

**College admin**

1.View students

2.View faculty

**parents**

1.View college attendance

2.View marks info

**Conclusion:**

The Patashala System revolutionizes how educational institutions operate by embracing digital transformation and leveraging technology to enhance efficiency, communication, and learning outcomes. By addressing the limitations of the existing system and offering a robust platform with innovative features, the system aims to create a seamless experience for all stakeholders involved.