

Smart School Fees Payment: A Novel Method to Pay Online Fees through Aadhaar

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Abstract- Now a day's android application emerging day by day, so that fees payment system is necessary to all schools, whether it is offline or online, day by day which is growing. Offline fees payment system consumes lot of time by making parents wait, so to avoid waiting queue in school, online fees payment application is given a new technology in a smart way. this application will help the parents by avoiding waiting time at schools, so that anywhere ,anytime will connect to the school by using this application. This fees payment will be debited from the registered bank account or user wallet and Aadhaar pay, which is linked with aadhaar number of parents at the time of registering to this application .So that it helps the parents to pay fees within a short period. the target use of this application is to make easy mode of fees payment at anywhere and anytime.

Index terms- user wallet, bank account, queue, registration.

INTRODUCTION

We know that the normal method of fee payment is sort of troublesome. There are several students who use bank payment process, but this is often a time-consuming process. Those parents who lived in other villages or cities, need to travel long distance just for paying the fees of faculties. Therefore, to beat this problem we have developed this online fee payment system, during this system we will pay the fees online without getting to the bank. This process is straightforward as we will directly transfer the quantity from our account to the varsity checking account. This student payment system has two modules namely the user and therefore the admin. Admin has access to manage students' details, school details, view pending fees and paid fees. User can view their profile and obtain updates on pending fees

and paid fees details. during this way students are going to be getting updates of monthly fees details, they will pay their fees in an efficient way. it's aimed to be user friendly with beautifully designed interface . Manage student billing from invoicing and online bill payments to tuition plans and record keeping. it's designed for the utilization of personal and public schools of all sizes, it'll allow the school's staff to efficiently complete billing responsibilities. it's responsively designed, in order that it can run on any device by adapting to the dimensions . various domains like security, personnels of scholars , classes are covered under this technique . system is very fast and secured with authorization through login systems



Figure 1: online fees payment

METHODOLOGY

Features Included:

- **Dashboard:** It shows about the entire paid and unpaid fees of scholars at one place to urge the small print about the amount of scholars covered and left for payment.
- **Managing class:** Details of existing classes are often edited and new class are often added.

- Managing student: Details of attending students to classes are often edited and also shows student's presence to the oldsters.
- Monthly Fees: payment information is displayed during a tabular format during a simplistic UI for various classes and it are often editable.
- Admission Fees: School admission fees is paid by students is displayed and are editable.
- Security: payment of security personnel are often managed through this feature.
- Student logs: Details of scholars like name, contact details, address etc are displayed
- View Bill: Bill are often viewed and edit at this feature.

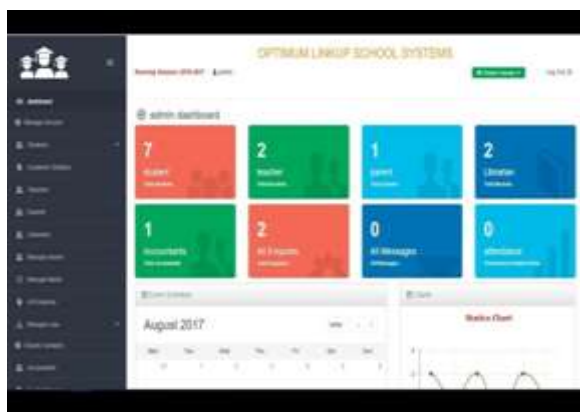


Figure 2: Features included



Figure 3: class details

BHIM Aadhaar Pay:

BHIM Aadhaar Pay additionally meant for institutions to receive digital payments from students over the parent's account through Aadhaar authentication. It allows for any school associated with any acquiring bank on BHIM Aadhaar Pay service, to allow the school to accept payment from a student of any bank, by authenticating the student's biometrics – currently only fingerprints, directly from the student's Aadhaar enabled bank account and receive the payment proceeds instantaneously

directly into school's bank account. To be able to effect the same, the school must have the BHIM Aadhaar app and a certified biometric scanner attached with the mobile phone on the USB port and both the school and students should have linked their Aadhaar numbers to their bank accounts respectively.



Figure 4: BHIM Aadhaar pay App

CONCLUSION

The timing has never been better for using technology to allow and improve fees payment at all levels, at all places, and for individuals of all backgrounds. From the renovation of fees payment to the school and acceptance of openly licensed educational resources are in place. The fee collection process in school is a complex procedure as the fee structure for every student and every class is different. Using a manual procedure leaves ample opportunity for human error, making an already complex process more tedious and challenging, this is often the rationale that a lot of educational institutes are moving towards an online fees management system that streamlines the process – making it easier and faster for school as well as parents. There are many more benefits of Fees Management System, Easy to use and implement, Creates a simplified paperless system, Automatic calculation, Quick payment, Easily scalable and customizable, Safe and secure

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