School Management System

Part 2

This part is focused in finance or treasury-related tasks and activities involving records of student's payment schedule, payment monitoring, and student payment status which can be viewed by the students and their parents or guardians online.

Partly, Part 2 also includes the Grading System or module that records the students' academic performances and attendance which can be viewed by students' parents as well as the students themselves.

Four login accounts are required for the Roles of Finance, Teacher, Parent, and Student having their own profiles and dashboards on login

Features: *Grading System* | *Student Payment of Fees*

Following are the detailed layout or structure of Part 2:

A. Grading System

1. User Roles and Permissions

- *School Admin*: Manages school settings, user roles, classes, and subjects.
- *Finance*: Carries out the payment processing of students
- *Teachers*: Manages class grades, attendance, assignments, and communicates with students and parents.
- *Students*: Views payments and payment schedules, grades, assignments, attendance records, and receives feedback.
- *Parents*: Views payments and payment schedules, child's grades, attendance records, and communicates with teachers.

2. Dashboard

- *Admin Dashboard*: Overview of school performance, user management, announcements.
- *Finance Dashboard:* View Students' Payment Records and Schedules
- *Teacher Dashboard*: Overview of class performance, recent activities, upcoming deadlines.
- *Student Dashboard*: Overview of payment/payment schedules, personal performance, upcoming assignments, recent feedback.
- *Parent Dashboard*: Overview of payment/payment schedules, child's performance, recent updates, and school announcements.

3. User Management

- Admins: Add, edit, and remove users (teachers, finance, students, parents).
- Profile Management: Each user can update their own profile information.

4. Class Management

- *Class Creation*: Admins can create and manage classes.
- *Assign Teachers*: Admins or Registrars assign teachers to classes (this has been done in Part 1 in creating *Sections*). Teachers can manage her assigned classes.
- *Enroll Students (Sectioning)*: Admins or Registrars assign students into classes. (*This is already done in Part 1*)

5. Subject Management

- *Subject Creation*: Admins or Registrars create and manage subjects.
- *Assign Subjects to Grade levels*: Admins or Registrars assign subjects to specific grade level. Here, *Subjects* master data needs to be created with the following fields:

Idsy, datestamp, iduser, idgradelevel, subject, subjectCode (to distinguish English of Grade3 (*ENG3*) from English of Grade 4 (*ENG4*))

- *Teacher Assignment*: : Admins or Registrars assign specific teacher to subjects of different Grade levels or Class Sections. Sample, a teacher of English can teach English subject to different sections of the same Grade level or possibly to higher or lower Grade levels

6. Grade Management

- Grade Entry: Teachers enter grades for assignments, tests, and exams.
- Grade Calculation: Automated calculation of final grades based on entered data.
- Grade Reports: Generate and view grade reports for individual students, classes, and subjects.

7. Assignment Management

- Create Assignments: Teachers can create and assign homework, projects, and exams.
- Submission Tracking: Track student submissions and due dates.
- Grading Assignments: Teachers can grade submitted assignments.

8. Attendance Management

- Record Attendance: Teachers can record daily attendance.
- Attendance Reports: Generate and view attendance reports for individual students and classes.

9. Communication

- Announcements: Admins and teachers can post announcements.
- Messaging System: Enable communication between teachers, students, and parents.

10. Analytics and Reporting

- Performance Analytics: Teachers can track student and class performance over time by displaying a graph or grade scores on their own dashboard
- Custom Reports: Generate custom reports based on various criteria.
- Export Data: Option to export grades, attendance, and other data in different formats (e.g., CSV, PDF).

11. Notifications

- Email/SMS Notifications: Notify students and parents about important updates, deadlines, and announcements. (*very optional*)
- In-App Notifications: Real-time notifications within the app. (*some sort of internal app messaging or notifications*)

B. Student Payment of Fees

1. Establish Payment Policies and Procedures

1.1 Define Payment Types and Schedules (*this has already been done in Part 1*)

- Tuition Fees: Determine the total amount and break it down into terms (monthly, quarterly, semester).
- Miscellaneous Fees: Include fees for activities, materials, and other school services.
- Due Dates: Clearly specify the deadlines for each type of fee.

1.2 Payment Methods

- Online Payments: Set up online payment gateways (e.g., bank transfers, credit/debit card payments, mobile wallets like GCash or PayMaya). (*not now*)
- In-Person Payments: Allow payments at the school's cashier office. (*this is the option for now*)
- Bank Deposits: Provide details for direct bank deposits. (*not now*)

1.3 Discounts and Penalties (*this has already been defined in Part 1*)

- Early Bird Discounts: Offer discounts for early payments.
- Late Fees: Implement penalties for late payments.

2. Communication and Awareness

2.1 Notification System

- Regular Reminders: Send dashboard reminders or notifications via this app before due dates.

3. Setting Up Payment Infrastructure (*maybe in the future version*)

3.1 Online Payment Systems

- Secure Payment Gateway: Integrate a secure payment gateway that supports multiple payment options.
- User-Friendly Interface: Ensure the online portal is easy to navigate.

4. Monitoring and Tracking Payments

- This can be seen on the user's dashboard. For Finance they can see grid list of students with payment status column and payment history details and payment schedule of each student

5. Handling Issues and Disputes

- Keep records of all payment disputes and resolutions

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