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# **Use Case Specifications**

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| Name of Use Case | AboutMusic |
| Brief Description | The goal of AboutMusic is to reduce the burden and complications of manual work |
| Actor | Administrator |
| Pre-condition | The administrator must successfully schedule lessons regardless whether payment is received by the parent |
| Post-condition | The administrator successfully schedule lessons and receive payment |
| Special requirement | Nil |
| Flow of events |  |
| Expected flow | 1. The use case starts when a member logins into the school website with his or her verification 2. The system must verify the login information before he or she can move on   A1: The member has forgotten his or her login information   1. The system will need the administrator to register the new member first if validation fails   A2: The validation fail because the public did not register with AboutMusic   1. The student can view his or her progress report 2. Both the teachers and administrator can handle the lesson change   A3: The administrator need to liaise with the teacher regarding the change of lesson   1. The parents and student can only view the progress report 2. Students can update particulars or change password 3. Student attendance must be taken by their teacher   A4: Not all teachers take attendance with the mobile web app   1. Teachers and administrator can edit progress report 2. Administrator has to handle course fee payments from parents   A5: The administrator has to send SMS/email reminder to the parents if they have not paid school fees for the month   1. The administrator has to calculate the teachers’ pay based on the lesson type and the number of lessons   A6: he administrator cannot calculate the pay |
| Alternative flow | A1: Member could not login to the system   1. The system displays a message saying that the verification is wrong 2. The system will request the user to reset their password 3. The flow goes back to point 4 of the expected flow   A2: Public users cannot login to the system as they are not registered members   1. The system will not allow them any access 2. The system will prompt them to contact the administrator   A3: The administrator need to liaise with the teacher regarding the change of lesson   1. The system requires the admin to discuss with the teacher 2. The Admin then needs to approval the lesson change 3. The admin needs to make changes to the schedule after approval   A4: Not all teachers take attendance with the mobile web app   1. Some teachers are not tech-savvy thus, they do not take attendance with the mobile web app 2. The system requires the teacher to take the attendance manually before submitting it to the admin 3. The admin needs to key the attendance into the system for future references.   A5: The admin has to send SMS reminder   1. The system allows parent to pay for school fees at a later date 2. Admin will need to send reminders to inform the parents to pay up 3. Subsequent reminders will also be needed if payment is not received   A6: The administrator cannot calculate the pay   1. The system requires the admin to manage the schedule and payroll 2. He or she needs to check the number of hours and the type of lesson the teacher is taking |