Music School Client and Developer Requirements

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| **Priority** | **Requirements** |
| 1 | Student/Teacher login portal – to manage lessons, students, hired equipment, booking times, cancellations.  Extra notes:  *Search engine based off of criteria for databases for*  *Mika Williams to use (as per her requirements)*  Developers: login sessions needed for both students and teachers according to database fields (emails/passwords). *Functionality feature.* |
| 2 | Contact Us Page – for students and teachers.  Further explanation:  *Contact page where it shows Pinelands music schools Facebook page, email and phone number.*  Developers: Webpage with text on how to contact the school. *Content only.* |
| 2 | Database system to keep track of students’ and teachers’ information.  Further explanation:  *A database that stores all the information collected from the website and other details that were recorded on the business computer (e.g contract, feedback from students and inventory of instruments).*  Developers: Creating a database that is linked to the website. See below for more comprehensive database content. *Database creation.* |
| 3 | Enrolment page with relevant fields that will be recorded and stored into the database.  Further explanation:  *On the booking lesson page. A few text boxes that asks for the students information such as first name, last name, DOB, address, gender, mobile/other phone numbers, email and Facebook details.*  *After everything is entered on the booking lesson page. A few more text boxes appear asking for preferences for certain days, time, teachers with certain language skills, gender, what instruments they play and if they want to hire an instrument or not.*  *If the DOB of the student is 18 years or under the current year, it will also ask for information about the parents first name, last name etc.*  Developers: Enrolments of students with input fields linked to a database that stores student details and other links details. *Functionality feature.* |
| 3 | Contract forms available in a web format so they can be filled and submitted electronically e.g PDF form.  Further explanation:  *Creating the contract will be done in person at the Pineland music school.*  Developers: Either input fields or link to download PDF to fill out. *Functionality feature.* |
| 4 | Instrument information/Instrument hire page.  Developers: Access to the database on instruments. *Database access.* |
| 5 | Easily navigable user interface (GUI) – focus less on complexity and more on usability and usefulness.  Developers: Use menu bars, not too busy, easy to find options (such as login, instrument hire, contacts, etc). *Design feature.* |
| 5 | Social media embedding for integration with Facebook to assist with marketing.  Developers: Links to social media. *Link creation.* |
| 5 | On the hiring page (for teachers), a few text boxes that ask for information such as first name, last name, gender, DOB, qualifications, email address, mobile/other phone numbers, what instruments they play, what level are they on with the instrument they play, language skill, Facebook ID if they have any and one large text box that asks them to briefly describes themselves.  Developers: Input fields for teachers who have been hired and are not in the database yet. *Functionality feature.* |

Things less important but may need to be considered:

* New teacher application/contact (which needs name, phone number as entry field) for when teacher not in the system/not hired by school

Database features needed in full (from Developers):

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| Teachers | Skills (of Teachers) | Feedback (of Teachers) | Instrument Knowledge (of Teachers) | Multi-lingual Skills (of Teachers) |
| * Teacher ID * First name * Last name * Gender * DOB * Qualifications * Email address * Mobile/Phone number * Facebook ID (optional) * Password * Salt | * Teacher ID * Skill * Skill level | * Teacher ID * Student feedback * References feedback | * Instrument Type * Teacher ID | * Teacher ID * Language |
| Students | Preferences (of Students) | Parents (of Students) |  |  |
| * Student ID * First name * Last name * DOB * Gender * Address * Mobile/Phone number * Email address * Facebook ID (optional) * Password * Salt | * Student ID * Day * Time * Gender * Teacher with language skill | * Student ID * First name * Last name * Email address * Mobile/Phone number |  |  |
| Contracts |  |  |  |  |
| * Student ID * Teacher ID * Start Date * End Date * Lesson Type * Lesson Duration [30mins/60 mins] * Lesson Cost |  |  |  |  |
| Instruments | Hired Instruments |  |  |  |
| * Instrument ID * Type * Hire Cost * Availability * Condition [new, excellent, repair, discard] | * Instrument ID * Student ID |  |  |  |

Notes:

* Students must be > 10 years of age else not accepted
* Children are considered to be between ages 10 and 18
* Facebook details of students can only be applied if they are older than 14 years
* Instruments with condition type “repair” or “discard” are not available to hire
* New students are only offered 1 lesson per week
* Old students can request maximum of three lessons per week