Release and Sprint Plans

Team Number

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Version: 2

Date: 15/08/16

+Teacher Music Skills

+Teacher Language Skills

+Teacher Reg - Add any inst skill

+Teacher applications

+Reporting based on Database

+two lesson lengths

- Timetables

- Availabilities

- contact admins

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Release Plan

Release 1

Delivery date: 22nd September 2016   Total Story Points: 15737

The Goals of the first release is to deliver all of the must-have features to the client. These features should allow the client to demo the basic functionality of the website. The features being implemented are Registration and Resource Management. By the end of the release, new students and parents should be able to register and apply for lessons and a basic inventory tracking system should be in place.

Student and Teacher Registration

This should allow for the accounts to be made, lessons to be booked and instruments to be assigned. By implementing student and teacher registration, the music school will have greater ability to access and use student and teacher files from various places, with safer and more reliable storage. It will also provide a more efficient and convenient gateway for students to register with the school,

with far less document processing time, meaning the school can take in more students more efficiently and spend more time in other areas, such as course preparation.

Story ID	Story Title	Story Points
AALV-60	As a Student, I want to register to the music school so that I can attend classes there.	13
AALV-11	As a student I want to apply for lessons at the school so that I can learn an instrument.	13
AALV-14	As a student I want to hire an instrument from the school so that I have an instrument for my lesson.	13
~~AALV-12~~	~~As a student I want to request a specific teacher so that I can be taught by someone I'm more comfortable with.~~	~~13~~
AALV-61	As a teacher, I want to accept a student so that I can teach them.	13
AALV-27	As a manager, I want to create teacher accounts so that new teachers can have access to the system.	8
AALV-58	As a Student, I want to see what lessons are being offered at the school so that I can decide what I want to learn.	13
	Story Point Sub-Total:	~~86~~73

Resource Management System

This feature should allow proper control over the inventory, such as adding, editing, removing and returning borrowed equipment. By implementing a resource management system, the school will have improved access to instrument details, hire information and instrument tracking, resulting in greater control of assets. It will also create a platform for inventory analysis, which will lead to more efficient spending on instruments and ultimately greater capacity for growth in more popular areas of music.

Story ID	Story Title	Story Points
AALV-37	As a manager, I want to add new instruments so that they can be viewed and hired.	13
AALV-32	As a manager, I want to view instrument hire requests so that I can see what instruments are needed by students.	13
AALV-35	As a manager, I want to mark instruments as returned so that it can be tracked and rehired.	8
AALV-59	As a Student, I want to see what equipment I have hired so that I know what I have.	8
AALV-15	As a student I want to view my instrument history so that I can rehire an instrument I'm used to.	8
AALV-29	As a manager, I want to deactivate old accounts so that fired/retired teachers no longer have access to sensitive content.	13
~~AALV-64~~	~~As a manager, I want to be informed when a specific instrument stock runs out so that I can buy more.~~	~~8~~
	Story Point Sub-Total:	~~71~~64

Release 2

Delivery date: 27th October 2016   Total Story Points: ~~199~~105

This release focuses on the Should-have Stories of the website, which will hopefully add value to various aspects of the core website, and integrate more tasks that are currently carried out manually into the system. The biggest new feature for this release will be a timetable management system. Along with a lesson management system on top of that. Finally, teacher recruitment will also be added.

Timetable and Account Management

This feature should allow teachers and students to modify their schedules so that their availabilities are known to the system, which affects the booking of lessons. With timetables and accounts being managed more conveniently and efficiently, the music school will experience a drastic decrease in loss due to missed, cancelled, clashing or swapped lessons. Such management will also provide the school with better information on when most students want to have their lessons. Additionally, administration time previously spent on scheduling will be saved.

Story ID	Story Title	Story Points
AALV-5	As a teacher I want to view my timetable at the music school so that I know when I have to be there to teach a lesson.	13
~~AALV-43~~	~~As a teacher I want to change my availabilities so that I only get assigned students when I'm able to teach them.~~	~~13~~
AALV-13	As a student I want to view my schedule and lesson details so that I can prepare for my classes.	13
~~AALV-17~~	~~As a student I want to change my schedule and lesson times so that I can have my lessons at a more convenient time.~~	~~13~~
AALV-49	As a Teacher, I want to update my ~~professional~~ details so that students are aware of my abilities.	8
~~ALV-46~~	~~As a teacher I want to contact admins so that I can discuss relevant issues such as illness, account problems and so on.~~	~~8~~
	Story Point Sub-Total:	~~68~~34

Student/Teacher Lesson Management

This feature should result in greater management of lessons by students, teachers and managers. Students and teachers will have a greater ability to get their ideal lessons and lesson times, and managers will be able to address transfer requests more easily. This added functionality will lead to higher lesson quality, increased student and teacher satisfaction, and ultimately better teaching results.

Story ID	Story Title	Story Points
~~AALV-55~~	~~As a student, I want to change teachers so that I can have a teacher that satisfies my needs better.~~	~~13~~
~~AALV-53~~	~~As a teacher, I want to request a student transfer so that I can stop teaching a student I'm no longer comfortable with.~~	~~13~~
~~AALV-54~~	~~As a manager, I want to change the teacher assigned to a student so that I can fulfil student transfer requests.~~	~~8~~

AALV-51	As a student, I want to cancel a lesson so that I do not have to attend.	~~13~~8
AALV-56	**As a ~~Teacher~~Student, I want to change ~~a student's~~my experience with an instrument so that ~~their~~my experience is properly documented.**	**~~8~~13**
~~AALV-10~~	~~As a teacher I want to add notes to specific students so that I can teach them more effectively.~~	~~13~~
AALV-12	As a student I want to request a specific teacher so that I can be taught by someone I'm more comfortable with.	13
	As a student I want to request a teacher with specific language skills so that I can be taught by someone who can fulfil my needs.	13
	Story Point Sub-Total:	~~68~~21

Teacher Recruitment

This feature should allow new teachers to apply for a position at the music school, as well as allow managers to respond and hire them. With a teacher recruitment system in place, the school will more easily be able to hire the best teacher for a particular position. It will also be more convenient and appealing for more teachers to apply to work at the school, leading to a stronger teaching staff and a better reputation for the school in the long term. Additionally, processing time of applicants will be reduced.

Story ID	Story Title	Story Points
AALV-24	As a manager, I want to view and filter teacher applicants so that I can find a teacher to respond to that fulfils my requirements.	13
AALV-25	As a manager, I want to respond to teacher applicants so that I can inquire and offer teaching positions to them.	8
AALV-1	As a teacher applicant I want to apply for a position at the school so that I can be considered for a job.	13
AALV-48	As a Teacher Applicant, I want to get information about teacher benefits, rate of pay and employment so that I can compare this job with others.	8
AALV-26	As a manager, I want to delete applicants so that I will only see relevant applicants.	8
~~AALV-65~~	~~As a manager, I want to conduct an advanced search that included deleted teacher applicants so that I have a larger list of applicants to choose from for a job.~~	~~13~~
	Story Point Sub-Total:	~~63~~50

Release 3

Delivery date: 24th November 2016   Total Story Points: ~~177~~52

This release will focus on adding value to already implemented aspects of the website, many of which are classed as could-haves. By the end of this release, these changes will add extra functionality to applying to the school for both students and teachers and student/parent and teacher communications. A streamlined process for payment is also part of this release.

Waiting Lists

This feature will allow students to be placed onto waiting lists for specific lesson times and instrument hire. This implementation will result in a higher volume of student applicants and will mean cancellations or changes to schedules don't necessarily result in lost time. It will also bring about a higher turnover of instruments, with the next student to hire the instrument waiting in a queue. This instrument waiting list will also provide an obvious indicator of which instruments need to be purchased, resulting in greater efficiency with regard to inventory purchase.

Story ID	Story Title	Story Points
AALV-68	As a student, I want to apply to be on a waiting list for an instrument so that I can make sure I get an instrument to hire as soon as possible.	13
AALV-62	**As a student, I want to apply to be on a waiting list for a specific time slot so that I can get the lesson I want.**	13
	Story Point Sub-Total:	26

Application Tracking

This feature will allow teacher applicants track their application status after their application has been submitted. A better and smoother application experience will make the job more desirable to applicants, which would hopefully lead to more applicants and a higher quality staff at the school.

Story ID	Story Title	Story Points
AALV-2	As a teacher applicant I want to track the status of my application so that I know whether or not I'm being considered for a job.	13
	Story Point Sub-Total:	13

Online Payment

This feature will allow parents of students pay their school fees online. Allowing parents to pay their fees online should help with customer retention as it is more convenient for parents to pay online than it is for them to take time out of their busy schedules to pay in cash. An online payment system will result in higher customer satisfaction, reduction in overdue fees, less processing and/or banking time spent by the school and also gives the school a more professional image.

Story ID	Story Title	Story Points
AALV-21	As a parent I want to pay fees online so that I don't have to go through the hassle of bringing cash or sending cash with my child.	13
	Story Point Sub-Total:	13

Reporting and Contracts

This feature introduces reporting and contracts to the website, which assists the business to generate the required documentation between teachers and student and also allows for various business reports to be generated specific to the existing features. With this feature in place, the school will have a greater compliance with legislation and better information on students, lessons and the web app itself, allowing for more comprehensive operational analysis.

Story ID	Story Title	Story Points
AALV-31	As a manager, I want to generate teacher-student and teacher-business contracts so that the business has the required legal work for employees and clients. View all lessons and be able to filter by teacher/student	13
AALV-30	As a manager, I want to generate business and IT reports so that I can analyse various aspects of the business and website.	13
AALV-4	As a teacher I want to view information about my students so that I can prepare for my lessons with them.	8
AALV-8	As a teacher I want to view lesson booking reports so that I am informed on what lesson times are in high demand.	13
	Story Point Sub-Total:	47 26

		Story Point Sub-Total:	26

Stock Maintenance

This feature should allow the school to view instrument files and track instrument hire more effectively and efficiently. This will result in better use and distribution of instruments among students, and a reduction of overdue instruments and cancelled lessons due to instrument unavailability. Greater maintenance of stock should also lead to a higher turnover of instrument hire, and less time spent on instrument admin tasks, ultimately yielding higher profits for the school.

Story ID	Story Title	Story Points
AALV-33	As a manager, I want to view and filter the instrument list so that I can find an instrument to edit.	13
AALV-36	As a manager, I want to edit instrument details so that I can keep track of instruments more effectively.	13
	Story Point Sub-Total:	26

Sprint 3

Total Story Points: ~~136~~89 story points   Total Hours: ~~95~~62.5 Hours

Current Velocity: From Sprint two: 95 story points

AALV-12: Student: Request Specific Teacher

Task ID	Task Description		Estimate	Taken
	Create Service(s) for Processing Data		4	
	Send Confirmation		2	
	Create Request Confirmation Page		2	
	Test request specific teacher		2	
	Story Points: 13	Total Hours:	10	

AALV-5: Teacher - View Timetable

Task ID	Task Description		Estimate	Taken
	Create Folder Structure		0.5	
	Create and Style Timetable Page		2	
	Create AngularJS and Node.js apps		4	
	Test timetable view		2	
	Story Points: 13	Total Hours:	8.5	

~~AALV-43: Teacher - Change Availabilities~~

~~Task ID~~	~~Task Description~~		~~Estimate~~	~~Taken~~
	~~Create Folder Structure~~		~~0.5~~	
	~~Create and Style Availabilities Page~~		~~2~~	
	~~Create AngularJS and Node.js apps~~		~~4~~	
	~~Test changing availabilities~~		~~2~~	
	~~Story Points: 13~~	~~Total Hours:~~	~~8.5~~	

AALV-13: Student - View Schedule

Task ID	Task Description		Estimate	Taken
	Create Folder Structure		0.5	
	Create and Style Availabilities Page		2	
	Create AngularJS and Node.js apps		4	
	Test schedule view		2	
	Story Points: 13	Total Hours:	8.5	

~~AALV-17: Student - Change Schedule~~

~~Task ID~~	~~Task Description~~		~~Estimate~~	~~Taken~~
	~~Create Folder Structure~~		~~0.5~~	
	~~Create and Style Availabilities Page~~		~~2~~	

Task ID	Task Description	Estimate	Taken
	~~Create AngularJS and Node.js apps~~	~~4~~	
	~~Test schedule changing~~	~~2~~	
	~~Story Points: 13~~	~~Total Hours:~~	~~8.5~~

~~AALV-49: Teacher - Update Professional Details~~

~~Task ID~~	~~Task Description~~	~~Estimate~~	~~Taken~~
	~~Create Folder Structure~~	~~0.5~~	
	~~Create and Style Availabilities Page~~	~~2~~	
	~~Create AngularJS and Node.js apps~~	~~2~~	
	~~Test schedule changing~~	~~2~~	
	~~Story Points: 8~~	~~Total Hours:~~	~~6.5~~

~~AALV-46: Teacher - Contact Admins~~

~~Task ID~~	~~Task Description~~	~~Estimate~~	~~Taken~~
	~~Create Folder Structure~~	~~0.5~~	
	~~Create and Style Availabilities Page~~	~~2~~	
	~~Create AngularJS and Node.js apps~~	~~2~~	
	~~Test schedule changing~~	~~2~~	
	~~Story Points: 8~~	~~Total Hours:~~	~~6.5~~

AALV-51: Student - Cancel Lesson

Task ID	Task Description	Estimate	Taken
	~~Create Folder Structure~~	~~0.5~~	
	Create and Style Lesson Cancelling Page	2	
	Create AngularJS and Node.js apps	~~4~~2	
	Test lesson cancelling	2	
	Story Points: ~~13~~8	Total Hours:	~~8.5~~6

AALV-48: Teacher Applicant - Get Information

Task ID	Task Description	Estimate	Taken
	Create Folder Structure	0.5	
	Create and Style Information Page	2	
	Create AngularJS and Node.js apps	2	
	Test information page	2	
	Story Points: 8	Total Hours:	6.5

AALV-1: Teacher Applicant - Apply

Task ID	Task Description	Estimate	Taken
	Create Folder Structure	0.5	
	Create and Style Information Page	2	
	Create AngularJS and Node.js apps	4	
	Test application	2	
	Story Points: 13	Total Hours:	8.5

AALV-24: Manager - View and Filter Teacher Applicants

Task ID	Task Description		Estimate	Taken
	Create Folder Structure		0.5	
	Create and Style View Page		2	
	Create AngularJS and Node.js apps		4	
	Test searching/filtering		2	
	Story Points: 13	Total Hours:	8.5	

AALV-24: Manager - Respond to Teacher Applicants

Task ID	Task Description		Estimate	Taken
	Create and Style Response Page		2	
	Create AngularJS and Node.js apps		2	
	Test responding		2	
	Story Points: 8	Total Hours:	6	

NEXT SPRINT

AALV-49: Teacher - Update Details

Task ID	Task Description		Estimate	Taken
	Create Folder Structure		0.5	
	Create and Style Availabilities Page		2	
	Create AngularJS and Node.js apps		2	
	Test schedule changing		2	
	Story Points: 8	Total Hours:	6.5	