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# PERSONAL PORTFOLIO

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**Contents**

Introduction.....	3
Learning Objectives .....	3
Purpose.....	3
Personal Portfolio.....	4
Release One .....	4
Artefacts.....	4
Release Two.....	15
Artefacts.....	15
Conclusion .....	20

### **Introduction**

The personal portfolio consists of all the key steps which I had undertaken while designing the website. It is important for me to mention that I am not comfortable with coding; hence, I had chosen the website designing function. The portfolio highlights the different skills which have been used to make the project a successful one. On the other hand, certain areas of improvement have also been mentioned for the developers. In overall context, the portfolio provides a complete picture of how website designing process should be and the key IT applications that need to be taken into account.

### **Learning Objectives**

The main learning objectives were as follows.

- Evaluating various artefacts specific to release one and release two
- Exploring knowledge about professional IT practices and it's need in project development
- Understanding the contribution of each stated artefacts towards the project
- Describing the core web tools required for designing purpose

### **Purpose**

The main purpose of this report is to highlight the key skills acquired during project development process and to simultaneously portray the capabilities used for efficiently developing the music school website.

## Personal Portfolio

### Release One

There are some old units which I have gone through while designing the website, such as the units on Web Design and Development, along with Project Management. It has been possible for me to apply the concepts of CSS and HTML due to the mentioned units. The Project Management unit enabled me to gain knowledge on how projects can be successfully completed based on the Agile approach. On the basis of this unit, it has been easier for me to understand the overall Agile journey and the mechanism of real-world transition.

Throughout the releases my main area of concern has been active participation in the front-end designing, i.e. CSS and HTML. During the release one, I used to develop branches for the pages in GitHub. Initially I did not have any such knowledge about this application tool. However, I was highly determined to complete the front-end stuff efficiently so as to ensure that my team members do not suffer because of me. On the contrary, in release two, it was decided that assigned individuals would firstly complete the back-end; hence, the remaining branches have been completed by respective team members.

### Artefacts

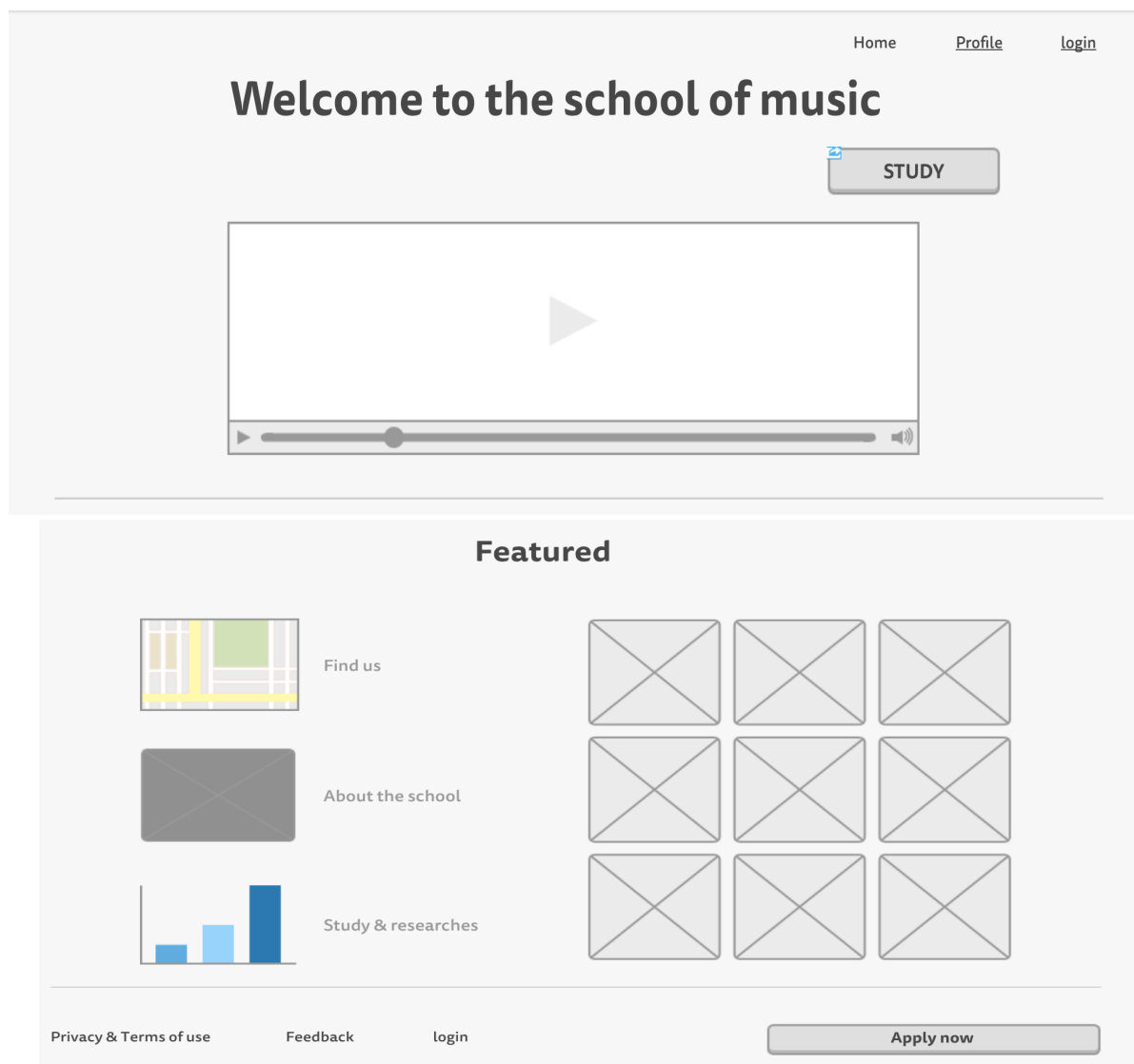
Some of the artefacts for both the releases have been described below.

#### Artefact 1:

Task	Description	Benefit to Project
To conduct feature research	The concept encompasses closely scrutinizing other similar websites in order to identify certain common features which can be easily adopted. This includes going through all well-known music school websites which are designed for educational purpose.	It is easier to access customers through such websites for gathering desirable information regarding client requirements.

**Artefact 2:**

Task	Description	Benefit to Project
To understand the concept of “low prototype”	It basically consists of diverse themes to determine how website designs can be approached. There are numerous distinct designs contained within these prototypes which can be aligned with project requirements.	To get a start or ideas on the website design which will benefit any changes required along the way before digitizing the website.



**Artefact 3.1:**

Task	Description	Benefit to Project
Website pages and design – ‘Teacher Registration (AALV-27)’	This page shows the details that needs to be filled in by teachers who intended to register in the music school.	A vital page for the project as following the music school system. All registrations are to be recorded and stored.

**Teacher Registration**

Teacher Information

First Name:

Last Name:

Email:

Phone:

Teacher ID:

Gender:

☐ Male ☐ Female

Location Information

Address 1:

City:

Country:

Address 2:

State:

Postal Code:

Additional Information

Feedback, special requests, or other information

SUBMIT

The above shown page is basically an interface through which basic details about the teacher can be obtained and later stored in the database.

**Artefact 3.2:**

Task	Description	Benefit to Project
Website pages and design – ‘Student Lesson Application (AALV-11)’ was the second page which I designed.	On the basis of this form, it is easier to understand whether a student confirms to the scheduled lesson or not.	This is an important page since it shall help in reducing redundancy within the system.

**Lesson Confirmation:**

Lesson Details

Student Name:  
**James Poole**

Student ID:  
**S988763**

Unit Code:  
**KMD119**

Start Date:  
**15/02/2016**

finish Date:  
**05/10/2017**

Lesson Price:  
**\$2000**

CONFIRM

**Artefact 3.3:**

Task	Description	Benefit to Project
Website pages and design – Synchronisation of web application tools with the project theme	I had conducted a lot of research while designing ‘Student Get Lesson Info (AALV-58)’ in order to identify which colour combinations would be most soothing for students.	This is to produce a professional and appealing user interface design by using a proper colour palette.

**Calss TimeTable:**

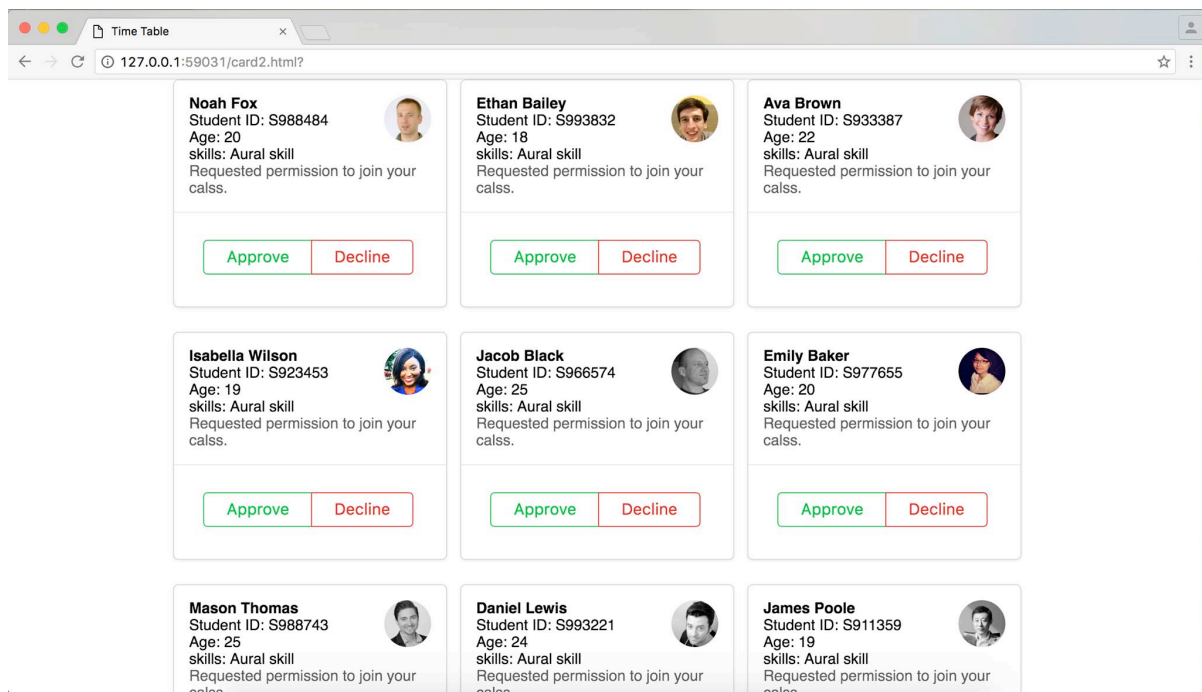
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
6.00	KMB 119	KMB 136		The Music Industry	
7.00		KMB 119		KMB 215	-
8.00		KMB 119	KMB 215	KMB 250	
9.00			KMB 250		-
10.00					
11.00			KMB 136		-
12.00				KMB 237	
13.00				KMB 237	-
14.00					KMB 119
15.00	KMB 250				
16.00	KMB 250				
17.00		KMB 215			
18.00				KMB 237	

The main function of this page is to provide a complete class timetable. There are different colours used for the design so that class timings are noticeable.



**Artefact 3.4:**

Task	Description	Benefit to Project
Website pages and design – ‘Teacher Accept Student (AALV-61)’	This is another page which was created to provide a realistic view regarding which students’ request was accepted by teacher. However, it was a tedious job.	This is to simplify the system on the assigning between teachers and students.



**Artefact 3.5:**

Task	Description	Benefit to Project
Website pages and design – Another interesting page which I designed was ‘Hired Instruments’.	The main function of this page was to highlight names of those students who are close to returning their instruments. There were three colours used, such as red, orange and green where red denoted a student is nearby to the close date, orange meant there is a time-frame of 2 months and green signified more than 2months time-period.	This task is beneficial as it categorized the timeframe for returning their instruments so there will be no missed out due dates.

**Hired Instrument:**

Student Name	Student ID	Type of instrument	Due Date
Noah Fox	S988484	Xylophone	10/11/2016
Ethan Bailey	S993832	Triangle	27/11/2016
Ava Brown	S933387	Vibraphone	15/9/2016
Jacob Black	S966574	Marimba	8/10/2016
Daniel Lewis	S993221	Drum	11/11/2016

I even realised that there is a need to design another page where students can further apply for new instruments.

**Artefact 3.6:**

Task	Description	Benefit to Project
Website pages and design – ‘Add New Instruments (AALV-37)’.	The page has been designed in a manner that hire fee, purchase price along with the date can be summed up in one single dialogue box.	This simple page benefits for students on intending to apply for new instruments.

**Add New Instrument**

**Instrument Details**

Instrument Type:

Serial Number:

Condition:

Purchase Price:

Hire Fee:

Purchase Date:

**Description**

instrument note

**SUBMIT**

A confirmation page was separately designed for hired instruments (Hire Instruments (AALV-14)) as shown in the below given figure.

**Artefact 3.7:**

Task	Description	Benefit to Project
Website pages and design – ‘Hire Instruments (AALV-14)’.	This page serves the function of a confirmation receipt in case of new instruments being hired by students.	I strongly believe that this page needs to be included for enhancing reliability of the web page.

**Hire Instrument Confirmation:**

Lesson Details

Student ID:  
**S877654**

Instrument Type:  
**Violin**

Serial Number:  
**S/N: DHL89440403**

Condition:  
**Good**

Hire Fee:  
**\$250**

Return Date:  
**05/10/2017**

CONFIRM

In release one, we attempted for sorting teachers as per student requirements through designing ‘Request Specific Teacher (AALV-12)’ page.

**Artefact 3.8:**

Task	Description	Benefit to Project
Website pages and design – ‘Request Specific Teacher (AALV-12)’.	A filter has been used in this particular page in order to sort names as per the entered initials. Based on Java Script, this page will only show results of the name entered.	Search feature is added as it is one of the simple and crucial features needed in every website page for user’s simplicity.

Teacher Name	Teacher ID	Unit Code	Request
Lucas Torres	T987654	KMB119	<button>Submit</button>
Emma Cooper	T998376	KMB215	<button>Submit</button>
Oliver Bell	T987657	KMB215	<button>Submit</button>
Lily Hughes	T987464	KMB250	<button>Submit</button>
Jack Morgan	T987445	KMB136	<button>Submit</button>
Mathew Myers	T977654	KMB136	<button>Submit</button>
Wyatt Perry	T988776	KMB237	<button>Submit</button>
Ryan Kim	T976522	KMB237	<button>Submit</button>
Davied Ford	T966553	KMB237	<button>Submit</button>

**Artefact 3.9:**

Task	Description	Benefit to Project
Aligning pages based on user needs.	I learned about alignment of pages to make it easier for users to swiftly move between pages.	Creating good alignment between every element in the design actually has made the website visually more appealing and easier for user to scan over the pages.

**Artefact 4:**

Task	Description	Benefit to Project
Contribute on user stories using the MoSCoW approach.	I've contributed user stories into priority order using MoSCoW approach.	This method is a way to help teams quickly understand the customer's view of what is essential or prioritized and what is not.

**Artefact 5:**

Task	Description	Benefit to Project
PowerPoint slides	PowerPoint Presentation - Release 1 presentation to present our deliverables and website within release 1 timeframe.	Contributed on presentation slides by adding all the artefacts I've done during release 1 and also presented it to the tutor and client team.

## Release Two

### Artefacts

In release two, the first page designed was ‘enable teacher account’ (AALV-12).

#### Artefact 1.1:

Task	Description	Benefit to Project
Website pages and design – ‘Enable teacher account’ (AALV-12).	A simple standardised design approach has been used in order to help managers to deactivate account of teacher.	This segment is for the use of internal users to manage teachers’ accounts.

Teacher Name	Teacher ID	Unit Code	DOB	Deactivation
Lucas Torres	T987654	KMB119	12/2/1992	<button>Deactivat</button>
Emma Cooper	T998376	KMB215	19/12/1991	<button>Deactivat</button>
Oliver Bell	T987657	KMB215	14/9/1988	<button>Deactivat</button>
Lily Hughes	T987464	KMB250	4/6/1985	<button>Deactivat</button>
Jack Morgan	T987445	KMB136	12/2/1990	<button>Deactivat</button>
Mathew Myers	T977654	KMB136	12/2/1989	<button>Deactivat</button>
Wyatt Perry	T988776	KMB237	12/2/1992	<button>Deactivat</button>
Ryan Kim	T976522	KMB237	16/7/1987	<button>Deactivat</button>
Davied Ford	T966553	KMB237	1/10/1994	<button>Deactivat</button>

**Artefact 1.2:**

Task	Description	Benefit to Project
Website pages and design – Borrowed Instruments.	Page is related to the development of instrument information where the main function is to provide detailed information about students and hired gadgets.	This page is important as it summarized the information integrated between students and their hired gadgets.

## Borrowed Instruments

**Noah Fox**

Student ID: S988484  
Instrument Type: piano  
Condition: good  
Due date: 12/10/2016



The piano is a musical instrument played using a keyboard.

**Ethan Bailey**

Student ID: S993832  
Instrument Type: Drums  
Condition: good  
Due date: 3/11/2016



The drums is a collection of drums and other percussion instruments, typically cymbals, which are set up on stands to be played by a single player.

**Ava Brown**

Student ID: S933387





**Artefact 1.2:**

Task	Description	Benefit to Project
Website pages and design – Retaining the main theme while redesigning	In professional IT practices, one needs to possess skills of further modification. I used the card style design in the page in order to show the lessons booked, as requested by my team members.	my team wanted me to make changes in the Time Table designed during release one.

Your Timetable				
<b>Noah Fox</b> Student ID: S988484 Instrument Type: piano start date: 12/10/2016 End date: 12/10/2017	<b>Ethan Bailey</b> Student ID: S988484 Instrument Type: piano start date: 15/10/2016 End date: 10/10/2017	<b>Ava Brown</b> Student ID: S988484 Instrument Type: piano start date: 19/10/2016 End date: 17/10/2017	<b>Isabella Wilson</b> Student ID: S988484 Instrument Type: piano start date: 7/10/2016 End date: 3/10/2017	<b>Jacob Black</b> Student ID: S988484 Instrument Type: piano start date: 16/10/2016 End date: 11/10/2017
<b>Emily Baker</b> Student ID: S988484 Instrument Type: piano start date: 20/10/2016 End date: 2/10/2017	<b>Mason Thomas</b> Student ID: S988484 Instrument Type: piano start date: 12/10/2016 End date: 12/10/2017	<b>Noah Fox</b> Student ID: S988484 Instrument Type: piano start date: 12/10/2016 End date: 12/10/2017	<b>Daniel Lewis</b> Student ID: S988484 Instrument Type: piano start date: 14/10/2016 End date: 10/10/2017	<b>James Poole</b> Student ID: S988484 Instrument Type: piano start date: 18/10/2016 End date: 10/10/2017
<b>Barker Scott</b> Student ID: S988484 Instrument Type: piano start date: 13/10/2016 End date: 15/10/2017	<b>Barnes Weight</b> Student ID: S988484 Instrument Type: piano start date: 15/10/2016 End date: 17/10/2017	<b>Axton Martin</b> Student ID: S988484 Instrument Type: piano start date: 8/10/2016 End date: 7/10/2017	<b>Aldrich Jones</b> Student ID: S988484 Instrument Type: piano start date: 19/10/2016 End date: 7/10/2017	<b>Adams Jackson</b> Student ID: S988484 Instrument Type: piano start date: 18/10/2016 End date: 8/10/2017

**Artefact 2:**

Task	Description	Benefit to Project
Lead time reduction	During the project, I paid strong attention on lead time reduction so that no time is wasted on information dissemination or accumulation.	I managed to prioritize the tasks on my list and figure out what is actually most important, as well as most urgent tasks.

**Artefact 3:**

Task	Description	Benefit to Project
Formatting and styling of web pages	The Web Development unit influenced me to reflect upon various formatting styles. There are numerous creative styles which I applied on these web pages to make them look attractive.	This tasks has produced one of the most significant outputs as the formatting and styling the web pages are the interfaces that will be provided to the users.

**Artefact 4:**

Task	Description	Benefit to Project
I even actively participated in the back-end section (Deactivate Teacher).	I wrote code that would allow a manager to reactivate a previously deactivated teacher. This was a new feature on the already existing deactivate teachers branch. Unfortunately, some technical issues meant that my code could not be used in the final release since the deadline was too close to make it work.	It benefited the group for me to do some backend code to help one of my group members. Even though it could not be used, it also allowed me to learn about node.js and angular JS and the way the website is structured.

I personally wanted to be involved in the coding part so as to gain knowledge for future purpose. I came to know about a new programming language, i.e. node.js and even gained knowledge about GitHub.

**Artefact 5:**

Task	Description	Benefit to Project
Based on my acquired knowledge.	I was even able to provide suggestion to my developer team. Firstly, strong encryption needs to be done so that students are not able to access the main database. Secondly, developers should also focus on synchronising the current page details with a back-up database.	Feedbacks is one of the important factors when undertaking any projects. It is for further enhancements so as it will be effective enough for usage in real life.

**Artefact 6:**

Task	Description	Benefit to Project
Keeping track and manage the project using JIRA.	This is where user stories, issues, sprint plans and distributed tasks are managed.	This will benefit the team when delivering tasks and allow team a full visibility on the project and task which can produce a more efficient output based on real-time.



IFB299 2016-Sem2 055 / AALV-14 Student - Hire Instrument / AALV-103

3 of 31 ▲ ▼

## Create Confirmation Page & Send Notification

Edit
 Comment
 Assign
 More ▼
 Close Issue
 Reopen Issue

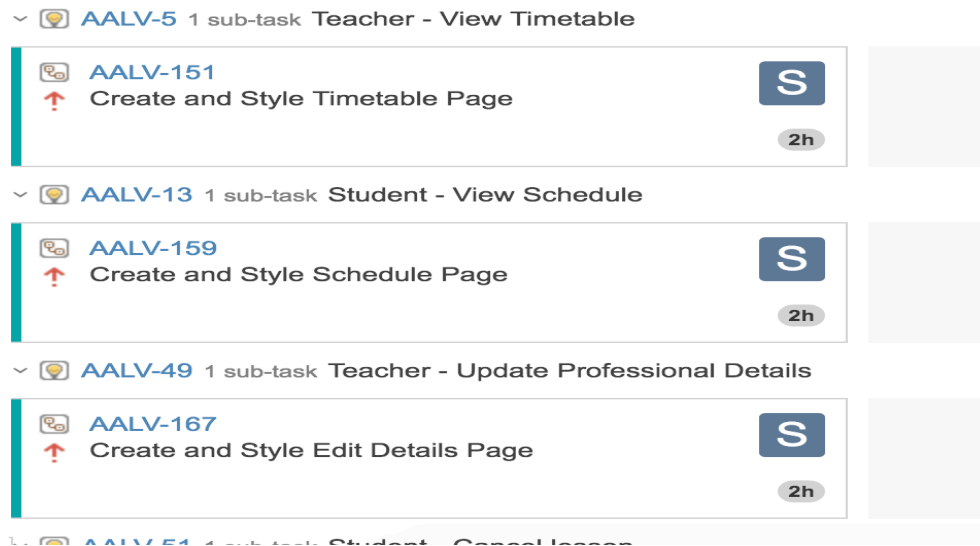
Export ▼

**Details**

Type: Sub-task  
 Status: **RESOLVED** [\(View Workflow\)](#)  
 Priority: Major  
 Resolution: Fixed  
 Labels: None  
 Sprint: Sprint 1, Sprint 2

**People**

Assignee:  
 Sara Abdulrahman M Alraddadi  
 Reporter:  
 Richard Van Wyk  
 Votes:



### Conclusion

To conclude, this unit has been quite challenging propositions where knowledge, skills, tools and techniques can be broaden in order to meet the requirements of the client team. To summarize my tasks and how it has benefits the project, I've contributed designs for the web pages where it started off with low prototypes to digitized pages. On top of that, I've also participated in presenting the slides and giving out feedbacks, which can boost up my confidence level in public speaking. I've also exposed myself with new tools such as JIRA and Github. These tools have been useful when managing the project and will be advantageous for future use as well.