14			13	STM32F407G-Discovery		23/1/23	04/02/23	06/02/23	10/02/23	6/2/23
		Considerate to the control of control of CDIO of		board on a Nucleo-						
	Lab 2	Complete lab to gain understanding of GPIO of the Discovery board/ARM microprocessor		F303RE development board	All					
4.5	LdU Z	the discovery board/Akivi microprocessor			All	5 (0 (0 0	10/00/00	20/00/20	0.4./00./00	10/0/00
15		Complete lab to gain understanding of sound	14	STM32F407G-Discovery		6/2/23	18/02/23	20/02/23	24/02/23	13/2/23
		generation of the Discovery board/ARM		F303RE development						
	Lab 4	microprocessor		board	All					
16	1 oscillator		15	Discovery board,		13/2/23	25/03/23	27/03/23	03/03/23	13/2/23
10	controlled by		10	potentiometer, wires,		13, 2, 23	23,03,23	27,03,23	03,03,23	15, 2, 25
	peripheral	Get a potentiometer to control an oscillator		breadboard	Tom and Adam					
17	2 oscillators		16	Discovery board,		13/2/23	1/3/23	3/3/23	10/3/23	20/2/23
	controlled by			potentiometers, wires,						
	peripherals	Get 2 potentiometers to control both oscillators		breadboard	Tom and Adam					
18			17	Discovery board,		20/2/23	8/3/23	10/3/23	17/3/23	27/2/23
	Shift register			potentiometers, wires,	Tom, Duncan					
	coded	Code the shift register		breadboard	and Adam					
19	Hold shift		18	Discovery board,		27/2/23	8/3/23	10/3/23	17/4/23	6/3/23
	register function	Get the shift register to hold its values to create		potentiometers, wires, breadboard	Tom, Duncan and Adam					
	Tunction	repeating patterns			and Adam	05/00/00	45 (00 (00	47/00/00	24 / 1/22	10/0/00
20	LED shift	LED display that shows the pattern contained in the shift register	17	Discovery board,	Tom, Duncan	06/03/23	15/03/23	17/03/23	21/4/23	10/3/23
	display	the shift register		potentiometers, wires, breadboard, LEDs	and Adam					
21	display	Either a digital or analogue filter controlled by	17	TBC	and Adam		12/04/23	14/04/23	18/4/23	
21	Filter	the shift register	17	IBC	Adam		12/04/23	14/04/23	16/4/25	
22	Presets	Create varying presets using the PD patch	17	PD patch	Cian and Jabez	03/03/23	15/3/23	17/03/23	21/4/23	17/03/23
23	DSP Unit	Implement a DSP unit if time allows	17	TBC	?	03/03/23	15/04/23	17/03/23	21/4/23	17/03/23
	Synth Finished	· · · · · · · · · · · · · · · · · · ·	19-23	Completed synth	All	17/02/22		17/04/23	21/4/23	22/2/22
24	+ '	Completed synth		· · · · · · ·		17/03/23	15/04/23		21/4/25	22/3/23
25	Alarm clock functionality	Add additional alarm clock functionality if time allows	17	LCD display	?		15/04/23	17/04/23	21/4/23	
26	Turictionality	2	24	Constituted and	C: /F	47/4/22	40/4/22	24/4/22	21/4/25	24 /4 /22
26		Plan and implement a series of tests to check functionality and quantify any outputs from the	24	Completed synth	Cian /Everyone minus Ed	17/4/23	19/4/23	21/4/23		21/4/23
		synth (i.e. volume, max number of notes per			IIIIIus Lu					
	Product testing	second etc.)							23/4/23	
27	Product	Use of AI to generate suitable packaging for the	24	None	Ed	17/4/23	19/4/23	21/4/23		21/4/23
	packaging/Finis	final product	= :			, -,	20, 1, 20	,,		, -,
	h product	·							24/4/23	