# ROYALA



# THE TEAM

Kiat Han Kok Bartal Veyhe

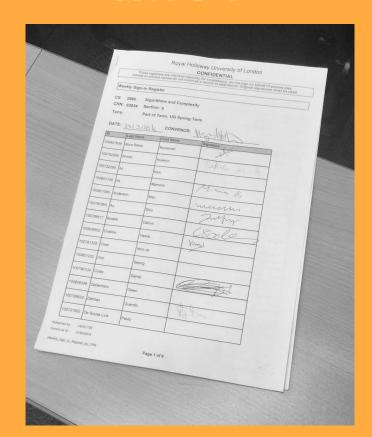
Dan Coles Joao Mota

Shao Feng Liu Ji Ha Kim

Hsin Je Chen



# WHY?







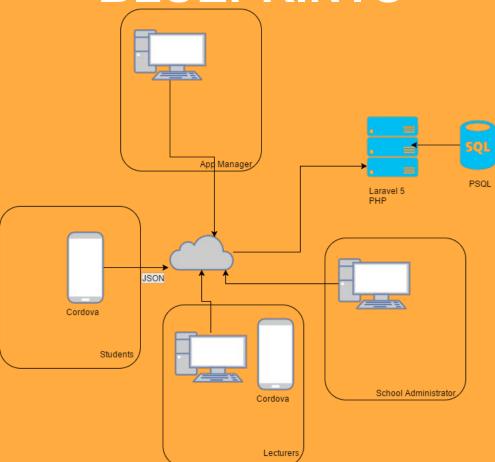








# BLUEPRINTS

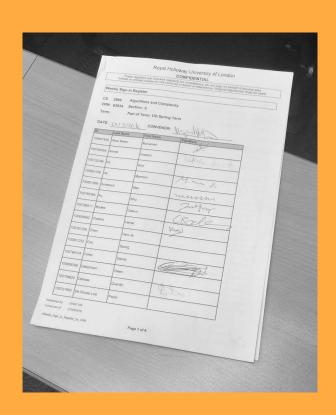


#### WHO?

Student Lecturer Administrator



# Sign In & Attendance Tracking





## **Questions & Answer (clicker)**



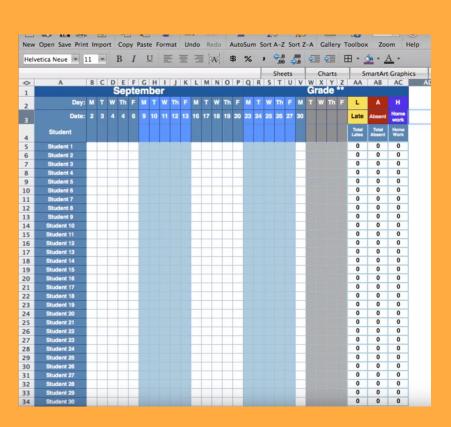


#### **Timetable**

	09:00			IIY4612	Cyber Security		IWET B	
Monday	1				1-1-1-1	4	11111	
donday	10:00 CS1801 LAB A + 8		I	1	Object oriented programming	Johannes Kinder/Nuna Barreira	INQ05 + HITT	T
donday	10:00	C\$28211AB			Systems Programming	Motthew Hogue/Johannes Kinder	BA PC IAB	
donday	10.00	CAULTON	CS3480		Software language engineering	Adrian Johnstone	WIN105	
Monday	10:00		L3346U	fY4612	Cyber Security	Parian Jornstone	WETB	
TO USY	10.00			Integra	Cities security		Jac. D	
Monday	11:00 CS1801 (AB A + B		ï	1	Object oriented programming	Johannes Kinder/Nuno Barreiro	INIOOS + MITT	1
Monday	11:00			PY4612	Cyber Security	persones acadely name autrent	WETB	
Monday	11.00			1110012	Chost security	-	Wet a	
Monday	12:00 CS1801 LAB A + 8		1		Object oriented programming	Johannes Kinder/Nuno Barreiro	INIOOS + HITT	I
					leader and a second	January and Januar	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Monday	13:00 CEDAS Maths	CEDAS MARIS	I	1		Kinga Zaczek	08240	starts 2nd week of term for 6 wee
Monday	13:00	CS2846 lab			Human computer interaction	Nuno Barreiro/Carlos Matos	BA PC LAB	Jan a 210 week of all in lot 0 wee
Monday	13:00	JC32840 NO	1		Pramari computer interaction	I wanto barretre (Cames Motos	BA PC DAB	1
Monday	14:00/CS1840		1	Ĭ	Internet services	Sara Remardini	OLT	1
Monday	14:00	CS2866 linh			Human computer interaction	Nuno Barreiro/Carlos Matos	BA PC LAB	
Monday	14:00	C32840 NW	CS3110		Bioinformatics	Alberto Paccanaro	MXXXXX	
Mulusy	14.00		(CSSTIO	1	abilionidas	proento rattanaro	invest.	
Monday	15:00	CS2810	ĺ	Ì	Team project	Johannes Kinder/Carlos Matos/Nuno Barreiro	MLT	Ĭ
Monday	15:00	Cazero	CS3110		Bioinformatics	Alberto Paccanaro	MX001	
Muliusy	13.00		Carrie		DECENTION OF THE PARTY OF THE P	province access to	parco.	
Monday	16:00	Advanced Topics/Careers	Advanced Topics/Careers	Advanced Topics/Careers		1	MX001	1
Monday	16:00	CEDAS Prof Issues	Hovanceu Topics/Careers	Advances Topics/Careers		Katle Shaw	HLT2	first two weeks of term
munusy	10.00	CELORGI FIOT ISSUES				Trans.	PILLE	In it the meet of their
Monday	17:00	CEDAS Profissues	I	T .		Katle Shaw	HIT2	first two weeks of term
Monozy	17300	CEUMS PROFISSOES				Natic Shaw	MLIZ	Inst two weeks of term
Tuesday	09:00 CS1801/2 lec		Î	T	Object oriented programming	Johannes Kinder/Nuno Barreiro	QLT	
Tuesday					Concurrent and Parallel Programming	Hugh Shanahan	MESEM	
rucsosy	09:00		CS3750		Concurrent and Parasel Programming	Hugh shananan	MFSEM	
			CS3750					T
Tuesday	10:00 CS2801 LAB C	75390	CS3750		Object oriented programming	Johannes Kinder/Nuna Barreira	PC LAB 7	
Tuesday Tuesday	10:00 CS1801 LAB C	CS2830			Object oriented programming Robotics	Johannes Kinder/Nuno Barreiro Hugh Shanahan	PC LAB 7	
Tuesday	10:00 CS2801 LAB C	CS2830	CS3750 CS3490		Object oriented programming	Johannes Kinder/Nuna Barreira	PC LAB 7	
Tuesday Tuesday Tuesday	10:00 CS1801 LAB C 10:00 10:00	C52830			Object oriented programming Robotics Computational optimisation	Johannes Kinder/Numo Barreiro Hugh Shanahan Gregory Gutin	PC LAB 7 IN029 HLT2	
Tuesday Tuesday Tuesday Tuesday	10:00 CS1801 LAB C 10:00 10:00 11:00 CS1801 LAB C	C52830	CS3490		Object oriented programming Robotics Computational optimisation Object oriented programming	Johannes Kinder/Nuna Barreira Hugh Shanahan Gregory Gutin Johannes Kinder/Nuna Barreira	PC LAB 7 IN029 HLT2 PC LAB 7	
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Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday	10:00 CS1801 LAB C 10:00 10:00 11:00 CS1801 LAB C 11:00 12:00 CS1801 LAB C		CS3490		Object oriented programming Robotics Computational optimisation Object oriented programming Malicious Software Object oriented programming	Juhonnes Kinder/Nuno Barreiro Hugh Sharahan Gregory Gutin Johnnes Kinder/Nuno Barreiro Lorenzo Cavallaro Johnnes Kinder/Nuno Barreiro Johnnes Kinder/Nuno Barreiro	PC LAB 7 IN029 HLT2 PC LAB 7 WIN104 PC LAB 7	
Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday	10.00 C31801 LAB C 10.00 10.00 11.00 C31801 LAB C 11.00 12.00 C31801 LAB C 12.00 12.00 LAB C 12.00 12.00	C52821	CS34990		Object oriented programming Redotics Computational optimisation Object oriented programming Malacious Software Malacious Software Object oriented programming Malacious Software Systems Programming Systems Programming Malacious Software	Abhennes Ender/Neuro Barrelo hags Thisatalan Gregory Guiss Abhennes Ender/Neuro Barrelo Loreno Cividino Abhennes Ender/Neuro Barrelo Abhennes Ender/Neuro Barrelo Matthew Hagspitchannes Ender Loreno Cividino Loreno Cividino	PCLAB 7 8029 HIT2 PCLAB 7 WIN104 PCLAB 7 HIT1 WIN104	
Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday	10:00 CS1801 LAB C 10:00 10:00 11:00 CS1801 LAB C 11:00 12:00 CS1801 LAB C 12:00 CS1801 LAB C		CS34990		Object oriented programming Robotics Computational optimisation Object oriented programming Malicious Software Object oriented programming Systems Programming Systems Programming	Juhanna Einder/Nana Barreia Hagh Shanalan Gregor Gulin Jahanna Einder/Nana Barreia Larena Cavillana Jahanna Einder/Nana Barreia Mathew Hagas/Jahannas Sinder	PC LAB 7 IN029 HLT2 PC LAB 7 WIN104 PC LAB 7 HLT1	
Tuesday	10.00 C31801 LAB C 10.00 10.00 11.00 C31801 LAB C 11.00 C31801 LAB C 12.00 12.00 12.00 13.00	CS2821 CS2820 Isló AI	CS34990		Object oriented programming Radiotiss Campitational optimisation Object oriented programming Malificious Software Object oriented programming Malificious Software Object oriented programming Malificious Software Radiotis	Jahannes Kinder/Mano Barrelo Hagis Shashaha Congani Sandan Jahannes Sinder/Mano Barrelo Lorenzo Cavallaro Magin Shanashan	PC LAB 7 8029 HLT2 PC LAB 7 WIN104 PC LAB 7 HLT1 WIN104 AC125	
Tuesday	10.00 CS1801 LAB C 10.00 10.00 11.00 CS1801 LAB C 11.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C	C52821	C53490		Clipect oriented programming Nedecks: Compartational optimisation Object oriented programming Medicoloss Oriented programming Medicoloss Software Object oriented programming Medicolos Software Object oriented programming Medicolos Software Redocks: Redocks:	Annones Ender/Plans Barrelo May Shankan Gregory Gall Annones Ender/Plans Barrelo Jordon Gall Annones Ender	PC LAB 7 8009 HIT2 PC LAB 7 WIN104 PC LAB 7 HIT1 WIN104 AAC125 AAC125	
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Tuesday	10:00 CSJA01 AAB C 10:00 10:00 11:00 CSJA01 AAB C 11:00 11:00 CSJA01 AAB C 11:00 12:00 CSJA01 AAB C 12:00 12:00 13:00 13:00 14:00 14:00	CS2821 CS2820 Isló AI	C53490		Object oderstal jungsamming Rabotiss Rabotiss Computational agrimmation Object oderstal jungsamming Maldools Software Object oderstal jungsamming Maldools Software Andrews Andrews Maldools Software Maldools Software	Ankonens Ender/Pilezo Barreiro Hagi Shaukhan Gregory Gallo Jankonens Ender/Pilezo Barreiro (serenza Casillero Jankonens Ender/Pilezo Barreiro (serenza Casillero Jankonens Ender/Pilezo Barreiro Jankonens Ender/Pilezo Barrei	PC LAB 7 94029 HIT2 PC LAB 7 WIN104 PC LAB 7 HIT1 WIN101 AC125 AAC125 BA PC LAB	
Tuesday	10.00 CS1801 LAB C 10.00 10.00 11.00 CS1801 LAB C 11.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C 12.00 CS1801 LAB C	CS2821 CS2820 Isló AI	C53490		Clipect oriented programming Nedecks: Compartational optimisation Object oriented programming Medicoloss Oriented programming Medicoloss Software Object oriented programming Medicolos Software Object oriented programming Medicolos Software Redocks: Redocks:	Annones Ender/Plans Barrelo May Shankan Gregory Gall Annones Ender/Plans Barrelo Jordon Gall Annones Ender	PC LAB 7 8009 HIT2 PC LAB 7 WIN104 PC LAB 7 HIT1 WIN104 AAC125 AAC125	
Tuesday	10:00 (CIARO LAR C 10:00 10:00 10:00 11:	CS2821 CS2820 Isló AI	C53490		Object oxiented jungsamming Radiotics Compensational agrimmation Object oxiented jungsamming Malicious Software Object oxiented jungsamming Systema Prigramming Malicious Software Malicious Software Computing Software Computing Software Computing Software Computing Software	Anhannes Kinder/Mana Barreiro Mag Shaukhan Gregory Galin Jahnanes Kinder/Mana Barreiro (serensa Casillaro Jahnanes Kinder/Mana Barreiro (serensa Casillaro Jahnanes Kinder/Mana Barreiro Jahnanes Kinder/Mana Barreiro Jahnanes Kinder/Mana Barreiro Jahnanes Kinder/Mana Barreiro Jahnanes Galines Jahnanes Gareiro Jahnanes Gareiro Jahnanes Gareiro Jahnanes Gareiro Jahnanes Gareiro Jahnanes Gareiro	PCLAB 7 IN029 IN17 PCLAB 7 WW104 PCLAB 7 WW104 PCLAB 7 WW104 AC125 AC125 BA PCLAB BA PCLAB	
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### **Analysis and Review**





#### what we **LEARNT**

- 1. SCRUM & Communication
- 2. Adapt to and learn NeW development environments + frameworks + languages
- 3. Time & Task Management

#### **Questions?**



#### **User Stories**

	Lecturer	Student	App Manager	Admin
Things I want to do as a:	<ol> <li>Send QR code.</li> <li>Check Attendence.</li> <li>Add / Remove attendance of students manually.</li> <li>Activate / Deactivate prepared questions.</li> <li>Notify student there is an activate question.</li> <li>Check the result of Q&amp;A.</li> <li>Check timetable.</li> </ol>	<ol> <li>Scan QR code for registration.</li> <li>Check timetable with the location and the time for the lecture.</li> <li>Answer activated questions.</li> <li>View own attendance through out the week.</li> <li>View the next lecture by checking 'what's next'.</li> </ol>	<ol> <li>Add / Remove users to the system.</li> <li>View detailed attendance.</li> <li>View absence detail.</li> </ol>	<ol> <li>Sign in into the system.</li> <li>Review individual student's attendance.</li> </ol>



