1. Which devices do you take to an exam invigilation session?

Answer Choices	Responses
Android Mobile Phone	50% 12
iPhone	20.83% 5
Mac OS X Device	16.67% 4
iPad	16.67% 4
Android Tablet	12.50% 3
Blackberry 10 Device	4.17% 1
Windows Phone 7/7.5	4.17% 1
Windows 8/8.1 Device with Touchscreen	4.17% 1
Windows 7 (or Older) Device	0% 0
Windows 8/8.1 Device without Touchscreen	0% 0
Windows Phone 8+	0% 0

A dumb phone (Motorola Razr something - no real internet)

Nothing as invigilator

Paper

2. DoC has a supply of Android devices which could be used by invigilators. Would you be happy to make use of one of these devices or would you prefer to use your own?

Answer Choices	Responses
DoC Android Device	58.33% 14
My Own (Please specify which other device you would prefer to use) inc. OS version	41.67% 10
Total	24

iPad or Mac laptop
Sony phone android 4.1
Nokia
MAC machine
Mac laptop
Windows 8 laptop, or iPhone 4
Tablet (to have more info at hand)
iPAD

3. Would you rather the system be implemented using a web interface and so usable from any device, or in native code to access advanced device functionality?

Answer Choices	Responses	
Web Interface	62.50%	15
Native Application	12.50%	3
Both	25%	6
Total		24

4. How important do you think the following information is to have immediately available on the screen during invigilation?

	Not at all important	Slightly important	Very important	Essential	Total	Average Rating
Exam Finish Time	4.35% 1	21.74% 5	26.09% 6	47.83% 11	23	3.17
Exam Time Remaining	4.35% 1	17.39% 4	39.13% 9	39.13% 9	23	3.13
Where other users on the system are based	4.35% 1	30.43% 7	47.83% 11	17.39% 4	23	2.78
Other rooms being used for exams	8.70% 2	21.74% 5	56.52% 13	13.04% 3	23	2.74
Exam Start Time	9.09% 2	36.36% 8	31.82% 7	22.73% 5	22	2.68
History of communications	18.18% 4	31.82% 7	45.45% 10	4.55% 1	22	2.36
Other users on the system	19.05% 4	38.10% 8	33.33% 7	9.52% 2	21	2.33

Is "users on the system" refering to the users connected to the exam system or the users that are ralated to the exam (i.e. they set the paper). Because if the "users on the system" only refers to the users connectd then, the information of who set the paper and location is also essential.

Ability to access from an office, if someone is on split duty, perhaps.

Numbers of the key people you might need to call if you need help (e.g., the exams coordinator, the year coordinator for the exam in question, the teaching fellow most closely related to the exam)

"Active" requests and their status? Additional time granted and why (i.e. for mistakes in paper etc.)
Who is in charge of what task (for this exam) - Qestion X is for examiner Y? Papers go to Z? Who invigilates special cases? Who could contact missing students? Where is the Iain or whoever decides ultimately on interrupting an exam etc.

the most important is knowing how to get in touch with the professors if any questions come up.
Status of each room (e.g., ok, help needed, question, etc...)

Contact information of people as necessary - maybe by clicking on the person, you can bring this up.

5. How important do you think the following functionalities are to make the system successful?

	Not at all important	Slightly important	Very important	Essential	Total	Average Rating
Send generic "assistance needed" message - e.g Help needed	4.17% 1	8.33% 2	45.83% 11	41.67% 10	24	3.25
Respond to generic "assistance needed" message - e.g On my way	4.17% 1	8.33% 2	45.83% 11	41.67% 10	24	3.25
Respond to preset "assistance needed" message - e.g On my way	4.17% 1	20.83% 5	41.67% 10	33.33% 8	24	3.04
Contact IT support/Admin staff	8.33% 2	12.50% 3	50% 12	29.17% 7	24	3.00
Send preset "assistance needed" message - e.g student needs toilet	4.17% 1	20.83% 5	50% 12	25% 6	24	2.96
View and control exam start/remaining/finish times	8.33% 2	20.83% 5	45.83% 11	25% 6	24	2.88
Ability to blanket message all invigilators	8.70% 2	21.74% 5	47.83% 11	21.74% 5	23	2.83
List of students in/should be in room	13.04% 3	26.09% 6	26.09% 6	34.78% 8	23	2.83
Customisable preset messages - e.g Problem with Paper X, question Y	12.50% 3	25% 6	33.33% 8	29.17% 7	24	2.79
Send detailed "assistance needed" message - e.g I'm having a problem with...	8.70% 2	26.09% 6	52.17% 12	13.04% 3	23	2.70
View other contact details of other Invigilators	12.50% 3	25% 6	50% 12	12.50% 3	24	2.63
View students who have not turned up to room/other rooms	12.50% 3	33.33% 8	33.33% 8	20.83% 5	24	2.63
Customisable notification types e.g Turn vibrate on/off	13.04% 3	47.83% 11	8.70% 2	30.43% 7	23	2.57
Respond to detailed "assistance needed"	8.70% 2	39.13% 9	43.48% 10	8.70% 2	23	2.52

	Not at all important	Slightly important	Very important	Essential	Total	Average Rating
message - e.g I don't think...						
Ability to direct message individual/room	12.50% 3	41.67% 10	29.17% 7	16.67% 4	24	2.50
View other exam room start/remaining/finish times	16.67% 4	41.67% 10	29.17% 7	12.50% 3	24	2.38
Barcode scan student IDs	34.78% 8	26.09% 6	13.04% 3	26.09% 6	23	2.30

- List of students with extra time - Ability to map student name or CID to seat number - Ability to map seat number to student name + CID - Photo of student appearing in student list

Student barcode scan for suspected infractions. Record of disturbances. Fixed assistance needed, other than example: Paper # , Q# etc. error on paper Q#, part #

Various kinds of timers or alerts (e.g., 30 minutes before exam start, 10 minutes to to, ...).

Emergency - Collapsing student, demonstration against an embassy or the world as it is, drilling or other noise in floor below/above or wherever (not just that someone wants to go to the toilet) - I had a case were due to demonstration an exam had to be interrupted and moved to another room - in this case a lot of checks have to be done quickly by different people (which room to move to, how much extra time, etc.). Alarm - There is a problem (typo) in question X, wait until examiner passes by to fix it (if there are several rooms). Examiner (who sets exam) invigilating in different room should be `called for help' on question X (as exams are set by several examiners, it is important to identify the right examiner (we had case of running back and forth because the wrong examiner was `called out'). Scheduled time is not so important but extra time give by examiner should be communicated fast. Note: Examiner (setting exam) is very different from invigilator (watching paint dry), should thus be treated differently.

6. How would you rate each of the following means of alerting you to new information on the system? (Answer for your ideal platform)

	Would not use	Poor	Good	Excellent	Total	Average Rating
Pop up message on device screen	12.50% 3	20.83% 5	41.67% 10	25% 6	24	2.79
Flashing Alert section of the screen	21.74% 5	8.70% 2	39.13% 9	30.43% 7	23	2.78
Device vibrates	33.33% 8	8.33% 2	25% 6	33.33% 8	24	2.58
Device screen flashes a colour	16.67% 4	33.33% 8	29.17% 7	20.83% 5	24	2.54
Device screen turns on and off	16.67% 4	37.50% 9	37.50% 9	8.33% 2	24	2.38
Device brightness increases	29.17% 7	41.67% 10	16.67% 4	12.50% 3	24	2.13
Scrolling title bar	39.13% 9	43.48% 10	13.04% 3	4.35% 1	23	1.83
Notification Sound	70.83% 17	16.67% 4	12.50% 3	0% 0	24	1.42

Text message. Email.

By announcement and blackboard

sound on a bluetooth enabled earpiece. The reason I think vibration is poor is because it can generate a distracting for the students sound.

Earphones?

A (quite short) sound would be acceptable for alarm or emergency cases (see above) - otherwise not (someone asking a question, toilet, etc.)

7. Are there any other insights or further information you could provide as to what you would find useful in an Exam Invigilator Communication system?

Not

Can this eventually supersede the paper records?

I have invigilated many exams in my time. Perhaps 100. I cannot remember a single occasion on which I would have found this facility useful.