



# UHD Computer Laboratories

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# Outline

- What is new in UHD Computer Laboratories?
- Committee members for renew computer labs
- Previous Labs and it's problems
- Our Solution.
- What is required for all Lecturers to know?



# Computer Laboratories

- Now our computer labs has these functionality:
  - Network infrastructure
  - All software we need for all stages
  - Client server software for monitoring, controlling, communicating with each client.
  - Security software for preventing the system



# Committee members

- M.Karzan (Head of committee)
  - M.Twana (Member)
  - M.Shvan (Member)
  - M.Hiwa (Member)
  - M.Karwan (Member)
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- We started  
from 7/8/2016 to 25/8/2016  
7 hours per a day

# Previous Labs

- Network infrastructure ( **NOT** )
  - Security Risk ( **YES** )
  - Changing in System configuration ( **YES** )
  - ( **Allow** ) using Flash memory
  - ( **Allow** ) using CD-Drive
  - Just used during the practical lesson !!
- Not used** for (Student's Projects) !!
- Not used** for (Lecturer's Research)!!



# Solution

- Network infrastructure ( YES )
- Security Risk ( Prevented )
- Changing in System configuration ( NOT )
- ( Deny ) using Flash memory
- ( Deny ) using CD-Drive
- used during the availability of the lab and permission from Assistant Lab.

Used for (Student's Projects) !!

Not used for (Lecturer's Research) But we will try !!



# Solution



- NetSupport School

Classroom Monitoring, Management and Collaboration = **NetSupport School**

- WinLock

- security solution for personal or publicly accessible computers

## Some key features of NetSupport School !



### Control

- As a teacher, NetSupport School allows you to control student activity on each device in the classroom. From a simple power on or login at the start of the day, to locking their devices to gain attention.



## NetSupport School (2)



### Monitor Internet, Application, Instant Messenger, Printer and USB/CD devices

- Monitor what students do, control when they can do it and prevent access to resources whenever required.
- All of these can be set as a default so they happen even without teacher's input at the start of the lesson.

## NetSupport School (3)



### Assess

- Assessment of understanding and progress is key and, with that in mind, NetSupport School serves up a Q&A mode for real-time individual, group and peer assessment in a fun and engaging game show style.
- Quick surveys can be done with the whole class as part of a plenary, with students automatically grouped based on responses.
- Full Testing console with auto-marking when more structured assessment is required.

## NetSupport School (4)



### Collaborate

- interactive whiteboard, We want to help save teachers' time and ensure students leverage every possible benefit from the technology available to them.
- The Student Journal ensures a record of all relevant content from a lesson can be stored in a PDF file for the student to take away and review. From personal notes to recommended resources, screenshots, teacher notes, survey results and more.

## NetSupport School (5)



### Network Manager and their team

- They can see all PCs across the school, monitor systems and perform remote management when needed.

### NetSupport School

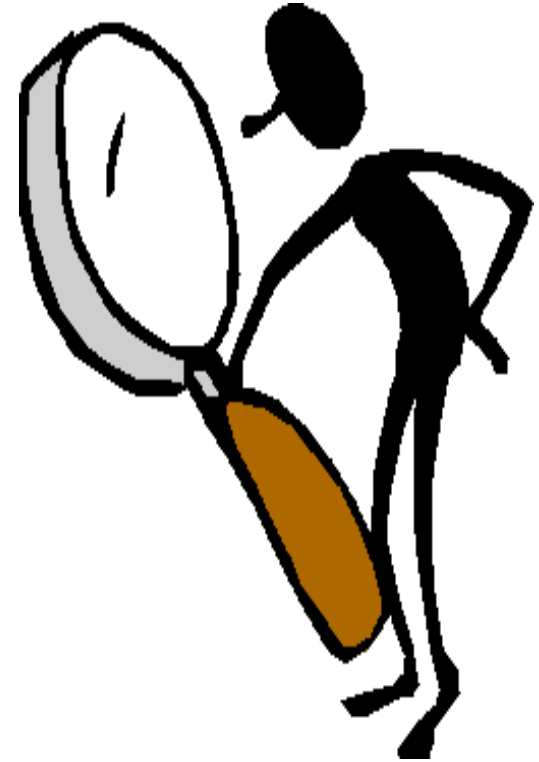
# WinLock



- **System restrictions** - disable command prompt, desktop, clipboard, control panel, safe mode, and more...
- **Time-limited access** - control how long clients can use the computer.
- **Restrict Start Menu** - hide the selective Start menu items, block context menus.
- **Control Internet access** - allow access to the trusted sites only, and block all others.
- **Installation blocking** - prevent users from installing the software.
- **Instant Lock** - hide any program or window on your screen.
- **Drives** - hide your system and network drives and block access to flash drives and DVDs.
- **Logging** - monitor changes to the system and write these changes to the log file.

## What is required for all Lecturers to know?

- Sending the materials before 48 hours
- Number of students !
- Create class and journal
- Survey
- interactive whiteboard
- Student registration
- Assessment
- File management ( send/collect)



Questions

Comments

Concerns

Feedback



*Thank  
you*

