



Risk Assessment

Summary

Reference: RA053512/1

Sign-off Status: Awaiting Approval

Date Created:	06/10/2021	Confidential?	No
Assessment Title:	IoT assisted living project - mental health monitoring		
Assessment Outline:	The increase of mental illness cases around the world can be described as an urgent and serious global health threat. Recently, the growth of the Internet of Things (IoT) provides us with new capabilities to detect, assess, and care for patients early. This project will focus on the continuous monitoring of people's mental health conditions and aim to give an alert when the data shows any abnormal behavior.		
Area Responsible (for management of risks)	Location of Risks		
Division, School, Faculty, Institute:	Faculty of Engineering Science	Building:	Roberts Building
Department:	Dept of Electronic & Electrical Eng	Area:	Ground and Above
Group/Unit:	All Groups/Units	Sub Area:	ALL Sub Areas
Further Location Information:			
Is this a GMM Class 1 Risk Assessment?:	UNITED KINGDOM		
Assessment Start Date:	06/10/2021	Review or End Date:	06/10/2022
Relevant Attachments:	Description of attachments:		
	Location of non-electronic documents:		
Assessor(s):	GOMES, NATHAN Qian, Xinyao		
Approver(s):	NATHAN GOMES		
Signed Off:			
PEOPLE AT RISK (from the Activities covered by this Risk Assessment)			
CATEGORY			
Undergraduates			



1. Working with computer

Description of Activity:

Working with a computer to do modelling and analysis.

Hazard 1. Display screen equipment

Students risk posture problems and pain, discomfort, or injuries, to their hands, arms and back, from overuse or improper use, or from poorly designed workstations or work environments.

Existing Control Measures

Workstation and equipment set to ensure good posture and to avoid glare and reflections on the screen.

Hazard 2. Electrical devices

Students could get electrical shocks or burns from using faulty electrical equipment.

Existing Control Measures

Confirm the system with landlord for making safe any damage to building installation electrics, eg broken light switches or sockets.

Hazard 3. Display lighting and room lights

Headaches or sore eyes can occur if the lighting in the screen is in poor quality.

Existing Control Measures

Check the lighting level and discuss with IT support.

Hazard 4. Anxiety/stress

Working under severe pressure may destroy mental health.

Existing Control Measures

Students can talk to supervisors if they are feeling unwell or at ease about things at work.

Hazard 5. Lone working

Students could suffer injury or ill health while working alone in the lab.

Existing Control Measures

Security staff check all areas, including toilets, before locking up at night.

Risk Level



Risk Assessment

With Existing Controls:

Risk
Level

**C -
Medium /
Moderate**



Actions

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Actions associated with this Risk Assessment	
*** No Actions have been recorded***	