



# Risk Assessment

## Summary

Reference: RA053512/1

Sign-off Status: Authorised

Date Created:	06/10/2021	Confidential?	No
Assessment Title:	3rd-year project : IoT assisted living mental health monitoring		
Assessment Outline:	This is a 3rd-year student project. 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:	NATHAN GOMES (14/10/2021 08:50)		

### PEOPLE AT RISK (from the Activities covered by this Risk Assessment)

CATEGORY
Undergraduates

Who Made By	Date/Time Received	Comments
GOMES, NATHAN	13/10/2021	Rejected: In the background, please specify that this is your 3rd year project. Please change "destroy" to "harm" or "adversely affect" mental health. Please remove the hazard on electrical equipment, I don't think it applies any more to your project work than your daily life as a student. I am also not sure about the lone working - your mitigation relies on others (security staff). If you want to keep this one, perhaps refer to what you can do (avoid it, if possible, minimise it...) Please reduce the risk level to green! Your project is less risky than many others!



## 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. 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 3. Anxiety/stress

Working under severe pressure may harm mental health.

#### Existing Control Measures

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

### Risk Level

With Existing Controls:

Risk  
Level

A -  
Very  
Low /  
Trivial



## Actions

**Reference:** RA053512/1

**Sign-off Status:** Authorised

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