

Risk Assessment

Date Risk Assessment Completed: 9th December 2021
 Assessor Name: Sarah Downing
 Date Assessment Actions Completed: 9th December 2021

Description of Activity	Location of Activity
To set up and run a front-end application utilising: Java, MySQL, Spring, Git, Jira, Maven, Junit, Mockito, MockMVC, Selenium and Github	Home workstation

Potential Hazards	Consequences of potential hazards	Who or what is at risk of injury or loss	Prevention control measures	Initial Severity	Initial Likelihood	Initial Risk Rating	Tolerable Risk?	Procedures in place to reduce the risk to an acceptable level	Responsibility for action and estimated time to complete	Revised Severity	Revised Likelihood	Revised Risk Rating
Electrical Hazard	Risk of injury due to electric shock from equipment	User, trainers	All equipment should be kept away from moisture and all cables should not be baring wires.	4	2	8	Yes	Equipment tested if necessary and no cables baring wires should be used.	User ensures that all people using equipment are aware of this.	2	2	4
Eye Strain, Repetitive Strain Injury, Back Injury	Personal Injury	User, trainers	Display Screen Equipment (DSE) checklist should be completed.	2	4	8	Yes	Work environment set up to be ergonomically friendly and comfortable	User ensures to follow DSE guidance.	2	2	4

Fire Hazards	Personal Injury, Loss of assets	User, trainers	equipment to be checked and open flames kept away from flammable sources.	4	2	8	Yes	Work environment kept tidy and exits left clear.	User ensures workspace is free of fire hazards and exits are clear.	2	2	4
Noise and High Sound Pressure Levels (SPL)	Risk of damaging hearing	User, trainers	SPL levels should be between 65 and 85dB in headphones and speakers	2	2	4	Yes	Reasonable volume levels used where possible, ear protection if necessary	Users aware of effects of high SPL exposure.	1	1	1
Tripping Hazard	Personal Injury	User, trainers	Doors to be kept clear, working area to be kept tidy.	2	2	4	Yes	Cables put out the way where possible, entrances and exits to room not blocked.	User aware of safe working environments.			
House Keeping	Personal Injury	User, trainers	Work area should be kept clean and tidy at all times.	2	2	4	Yes	Bin in room for rubbish, drinks placed away from equipment.	User should ensure space is kept tidy at all times.	1	1	1
System Failure	Risk of loss of information and data	User, trainers	Work should be regularly backed up in a secure way	3	3	9	Yes	Work uploaded to GitHub regularly.	User should ensure work is regularly saved and backed up	1	2	2
Natural Disasters	Risk of flooding due to proximity to river	User	Local council prevention measures and flood alerts.	4	2	8	Yes	Flood barriers set up and locals council procedures in place	User aware of potential flooding risks.	3	2	6

Risk Assessment = Level of Risk	Severity					
	1. No injury or damage	2. First Aid or minor property damage	3. <3 days absence or moderate property damage	4. >3 days absence or moderate property	5. Long term injury/ill health. Major property damage	6. Death, disabling or widespread property damage
Likelihood						
1. Almost Impossible	1	2	3	4	5	6
2. very unlikely	2	4	6	8	10	12
3. unlikely < 50/50 chance	3	6	9	12	15	18
4. Likely > 50/50 chance	4	8	12	16	20	24
5. Very Likely	5	10	15	20	25	30
6. Virtually certain	6	12	18	24	30	36