Description	Evaluation	Probability	Impact Level	Responsibility	Response	Control Measures	Probability post implementation	Impact Level post implementation	Control Measures post implementation
The website unable to be accessed	Website down	low	high	David	user sends a message to inform of the problem and David responds to the problem and puts website back up	docker swarm is used and multiple replicas made of each container so connection can be reestablished	low	high	
The website being slow as multiple people try to use it	Slow or down website	medium	medium	David	add more space (increase sever space/ number of replicas/ limit the numbers on the page)	docker swarm is used and multiple replicas made of each container so number of containers can increased	low	medium	increase the number of workers and mangers in the swarm
Someone using Jenkins to change or steal data	Data stolen or changed	medium	high	David	assess the damage and change passwords and usernames	limit Jenkins to only the processes it needs and not full access			
VM for database goes down	loss of service and data	low	high	David	user sends a message to inform of the problem and restart/ start a new sever copying any lost data	Take regular backups of the database			
VM for Jenkins goes down	loss of service and data	low	low	David	user sends a message to inform of the problem and restart/ start a new sever copying any lost data	script saved in the code pushed to the repository, the website is run on manger vm so no loss in service	low	medium	set up a backup Jenkins server with run code added
Container goes down	loss of service and data	low	medium	David	message sent to David and containers checked and restarted if needed	docker swarm used so broken containers replaced	low	low	create multiple replicas in the docker-compose yaml for redundancy
manager node goes down	loss of service and data	low	high	David	message sent to David and nodes check and manager restarted	multiple manger nodes created so if one fails another can take its place			
worker node goes down	loss of service and data	low	medium	David	message sent to David and nodes check and worker restarted	docker swarm used so containers moved to a working manager/worker node	low	low	make more worker nodes to increase redundancy