	Risk					
Туре	ID	Technical Risk Indicators	Impact Rating	Impact	Mitigation	Validation Steps
					Prevent untrusted user input	
		The user can execute	Evidence of programs or		from being run as code and	
		arbitrary php code on the	code on computer that		validate all user input to ensure	The user cannot
Code Injection	1	machine	was not run by admin	High	it conforms to desired format	run arbitrary code
					Validate user input to ensure	
					that it conforms to the desired	
		The user can dynamically			format. Use parametrized	The user can no
		create SQL queries in	Deleted or modified		prepared statements for SQL	longer access the
		order to access, modify, or	database data, strange		queries rather than dynamic	database or modify
SQL Injection	2	delete data.	queries in access logs,	High	queries.	it
		Passwords are hard-coded				The user can no
		into the application	Evidence of access to			longer gain access
		allowing access if an	the system (in access		Store the username and	with the
Credentials		attacker knows the	logs) using the default		password database separetely	hardcoded
Management	3	password	password	Medium	from the webserver code	passwords
		User can send malicious	Popups when visiting			
		scripts to another end	website, modified		Validate user input to ensure	
		user. These scripts can be	content, evidence of un-		that it conforms to the desired	
		used to create popups,	authorized access using		format and does not contain	The user can no
		modify content, exploit	cookies, evidence of		undesired scripts. Also filter the	longer execute
Cross Site		cookies, or compromise	redirection when		output caused by user input to	arbitrary scripts
Scripting	4	sensitive information	visiting website	Medium	ensure XSS scripts cannot run.	that classify as XSS

		User can receive				
		information about the				
		application through	Admin can try to see			 When the user
		unfiltered error messages	error messages that will		Filter error messages so that	causes a system
		which can give an attacker	give him potentially		only a generic message is sent	error, a generic
Information		useful data about the	luseful information		to the user which does not	error message is
Leakage	-		about the system	Low	reveal system information	displayed
Leakage	3	system	about the system	Low	reveal system information	uispiayeu
						Data hidden within
			Anyono who is surious			
		Data is hidden within an	Anyone who is curious		Energet the data that is hidden	the image is
		Data is hidden within an	can analyze the image		Encrypt the data that is hidden	encrypted and can
	_	10	and find the hidden		in the image so that it cannot	only be accessed
Steganography	6	the website	data	Low	be read even if it is found	with correct key
			Evidence of			
			aunauthorized access to		Do not use cookies for	
		_	the system through		authentication purposes, or	
		User can gain access to	cookies or admin can try		cookies are used, they should	User cannot access
Cookie		system by modifying the	accessing system using		be encrypted so that they	the system by
Tampering	7	login cookie	cookies	High	cannot be modified	modifying cookies
		User can overflow a buffer				
		in a program which can	Evidence of runme		Use safe string operations such	User cannot cause
		cause the program to	program crashing in logs		as strncpy, snprintf, etc to	the buffer to
Buffer		crash or even allow	or unexpected running		ensure that buffers are of	overflow in the
Overflow	8	arbitrary code to run	code on the machine	Medium	sufficient size	runme app
		User can access the system				
		through brute force easily			Lockout access to account after	User account
Weak		because weak user	Evidence of incorrect		5 login attempts and utilize	disabled after five
passwords	9	passwords are used	logins in access logs	High	secure passwords	login attempts