No	CWE-ID	Security Category	Filename	Line Number : Position	FilePath	Description	Technical Impact	Criticality	Potential Mitigation	Comments
1	CWE-523	Cryptography	AccountController.cs	99	C:\Users\maria\C	The login action uses HTTP POST	The credentials passed du	High	Use [RequireHTTPS] verb for the logir	Insist users to use MFA during login.
2	CWE-523	Cryptography	Program.cs	NIL	C:\Users\maria\C	The application does not implement HTTP Strict Transp	The credentials passed du	High	Add app.UseHsts() in the basic config	Educate users about the use of HTTPS.
3	CWE-327	Cryptography	InstallDataSettings.cs	259	C:\Users\maria\C	The SHA-1 hash algorithm used to store passwords is	The user passwords are in	High	Use modern cryptographic algorithms	Increase the complexity of password to increase security against brute force attacks.
4	CWE-521	Cryptography	InstallDataSettings.cs	260	C:\Users\maria\C	The password requirements for user registeration is 6	The user credentials is vul	High	Insist users to use uppercase letters,	Use passphrases if the requirements are not feasable to implement.
5	CWE-307	Authorization	AccountController.cs	110,111	C:\Users\maria\C	The application does not restrict users after excessive	login attemt	High	Limit continous login attempts, most	Log each invalid login attempt.
6	CWE-204	Error Handling	AccountController.cs	263-331	C:\Users\maria\C	The "Password Recovery" or "Forgot Password" action	It allows anyone to guess	Medium	It is preferable not to convey the erro	Better to reduce the complexity of the password recovery action if it is not a functional requirement.
7	CWE-287	Authentication	AccountController.cs	382	C:\Users\maria\C	The Application does not check whether the provided e	Users can misuse normal	High	The code has a EmailValidation functi	Always authenticate user's email.
8	CWE-384	Session Management	AccountController.cs	250	C:\Users\maria\C	The sign out(_authenticateService.SignOut()) function	Session Fixation. The auth	High	Manually delete the cookies after the	Log each user's logout. Useful during security audit.
9	CWE-384	Session Management	Program.cs	NIL	C:\Users\maria\C	There are no configuration in Program.cs to delete ses	Session Fixation. The auth	High	Add cookie deletion ad expiration on l	Additional configuration which can help in preventing session fixation.
10	CWE-400	Input Validation	ContactController.cs	68-106	C:\Users\maria\C	Multiple Forms with the same attributes are submitted	No regular deletion of the	Medium	Ensure that each form serves a uniqu	"Contact Us" function should be managed properly.
11	CWE-703	Error Handling	BlogController.cs	NIL	C:\Users\maria\C	The search action in blog controller does not handle la	When provided with a long	Medium	Employ appropriate error-handling techniques, such as using try-catch blocks.	
12	CWE-20	Input Validation	BlogController.cs	NIL	C:\Users\maria\C	The search action in blog controller does not handle la	When provided with a long	Medium	Restrict the search input to a limited size and prevent the acceptance of large inputs.	
13	CWE-544	Error Handling	All Controllers	NIL	C:\Users\maria\C	The actions present in the controllers do not implemer	Can lead to unforeseeable	Medium	Incorporate a robust error-handling m	Error handling should not be ignored.
14	CWE-778	Logging	All Controllers	NIL	C:\Users\maria\C	The application does not log main security events.	The absence of logging ca	Medium	Log major functions that impact the s	Sanitize personal information of the users before logging.
15	CWE-703	Error Handling	AccountController.cs	332-550	C:\Users\maria\C	During the registration process, the application fails to	Leads to a Denial-of-Servi	Medium	Implement proper error handling techniques in the register action.	
16	CWE-20	Input Validation	AccountController.cs	332-550	C:\Users\maria\C	During the registration process, the application fails to	Leads to a Denial-of-Servi	Medium	Restrict and check the input during registeration.	
17	CWE-79	Input Validation	AccountController.cs	551-640	C:\Users\maria\C	While check account information there is a option to cl	Alters the basic structure	High	Sanitize the input.	The option to edit First Name and Last Name is not required
18	CWE-248	Error Handling	NewsletterController.cs	NIL	C:\Users\maria\C	The Newsletter feature accepts a email imput, providir	The application crashes ar	High	Implement proper error handling mec	A minor issue but can impact the availability of the application.
19	CWE-312	Cryptography	BrainTreePaymentProvider.cs	81-102	C:\Users\maria\C	There are hardcoded credentials provided in the codeE	Could result in security co	High	Do not included hard coded credentia	Avoid hard coded credentials in any situation. They can be a back door.

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