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Part A – Cannot open database

I've gotten the new error message that Elisabeth now gets in previous Rick projects (e.g. versions 6 and 8) in IIS (but work in Visual Web Developer)

“Cannot open database xxx requested by the login”

I was able to fix this problem on my desktop computer using the procedure outlined in the following article:

<http://blog.sqlauthority.com/2009/08/20/sql-server-fix-error-cannot-open-database-requested-by-the-login-the-login-failed-login-failed-for-user-nt-authoritynetwork-service/>

In my desktop computer, in SQL Server Management Studio>Security>Logins I had logins for both IIS APPPOOL\ASP.NET v4.0 so I used the procedures login on this login and this fixed the problem. On my desktop, I had already made the changes specified below in <http://support.microsoft.com/kb/2002980> to get the book exercises working in IIS – if the changes in SQL Server Management Studio aren't sufficient, you may want to try the steps in the Microsoft article.

Part B – Getting ASP.NET 4.0 in 24 Hours Book Database Exercises to Work in IIS

- 1) In IIS, deleted existing site, and created new site with a physical path to the directory containing the application
- 2) Got the insufficient permissions error so added Users (step 15 in 9/16 class writeup)
- 3) Got the target framework error so specified Net4.0 as application pool (step 16 in previous writeup)
- 4) Got error: *An attempt to attach an auto-named database for file C:\Users\Bill\Desktop\DatabaseChapters3\App_Data\MyFirstDatabase.mdf failed. A database with the same name exists, or specified file cannot be opened, or it is located on UNC share.*

I did an internet search on this error and there were various suggestions in various forums which I tried with no luck or which produced other and possibly worse error messages. However I was finally successful with using the suggestion in <http://manfredlange.blogspot.com/search?q=attempt+to+attach> – in particular adding to the connection string an Initial Catalog name/value pair as shown below

```
Data Source = .\SQLEXPRESS; Integrated Security=true; User Instance=true;  
AttachDBFilename=DataDirectory\###.mdf; Initial Catalog=###;
```

Again, ### is a replacement for the actual file name

If this change does not resolve the problem, prior to making this change I had made the changes specified in <http://support.microsoft.com/kb/2002980> (giving the Network Service account read or write access to various folders). That change did not resolve the problem but after I got it working through the

Initial Catalog specification I attempted to undo the changes specified regarding the Network Service account and got an error so these changes may be necessary.

The error apparently relates to instances of the SQL Server database.