	Azure Breakout
	in list <u>Breakouts</u>
	MEMBERS
	TW
	Description
	Add a more detailed description
<b>C</b> .	
<b>Y</b>	Make an Azure Account  Delete
0%	Update Azure in Visual Studio go to Tools> Extensions and updates to find it
	2) After making an account log into microsoft Azure portal, the Azure portal is a hub to track
	everything you have up on the cloud.
	3) Go click on the green plus sign in the top left and create a new app service plan
	4) Find and hit the create button
	5) Name it as you wish, under resource group select use existing and select Default-ApplicationInsights-EastUS and it should fill in the rest of the information for you.
	6) Under pricing ALWAYS select the free or cheap option
	7) Hit create and wait while it builds it out.
	8) Next add Web APP, this will be where your APP lives (note: don't select web app + sql, we'll tackle this later)
	9) When you fill out the form, name your app and remember it, this will be your URL when your app goes live, Use the Default-ApplicationInsights-EastUS for resource group, select your APP service,
	Add an item
$\subseteq$	Visual Studio Delete
0%	
	1) Open a Project
	2) Right Click on your solution, select publish
	3) A pop-up saying App Service will come up, it will take a second and ping your Azure account, if it

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	see you're signed in great! If not make sure you've built a resource group in the azure portal.
	4) Once you're signed in go to the next page and Visual studio will pull in all the necessary info from your Azure portal.
	5) Hit Create, note the name, that'll be use to make your domain, and wait
	6) Hit publish and wait again it will either give you the green bar of happiness or red bar of sadness. If green then it worked, else if red it failed for some reason.
	7) Once done it will also pull up a website to where you published your file. Note the URL and use it to test your site any time you publish to remote.
	If you don't use a DB, then stop here, you're done! Otherwise continue on!
	Add an item
$\subseteq$	Adding in a Database Delete
0%	
	0) So if you don't know how to incorporate a database into your .net project, refer back to the Lab 22/23 breakout, I'm going to assume you've successfully attached a database and now I'm going to show you how to get it up and running on Azure
	1) Go to Azure Portal
	2) Create an sql server on your azure portal, keep it to one, so when it comes time to generate your connection string, Azure will know where to point it.
	3) Select new -> Storage -> storage account/blob
	4) give it a name, add it to your existing resource group, hit create
	5) Wait while it builds
	6) In Azure portal find your new storage account click on it
	7) on the left select access keys
	8) You get two keys: one for yourself and one you can give out, copy the first key, and note the account name
	9) Open up SQL Server Management
	10) Go to the database you want to upload
	11) Right click on it's name go to tasks -> Export Data-Tier Application
	12) Hit next through the introduction
	13) On the export settings page, select Save to Mircosoft Azure
	14) Hit connect next to storage account

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	15) Under the new pop-up put in your account name and your long access key, make sure you grab the WHOLE key as it's rather long
	16) under container type name the container as you wish
	17) Hit next then finish
	18) Wait for the DB to upload
	19) Boom! it's been added!
	Add an item
$\subseteq$	Connection String  Delete
0%	
	Now it's time to add in our connection string
	1) Go to your Azure Portal Dash board
	2) Click on your DB
	3) Under your Database overview, select connection string
	4) copy the string under <u>ADO.Net</u>
	5) In visual studio go to your web config file
	5) Find your <connectionstrings> tag in web.config</connectionstrings>
	6) Save the connection string that's already there, just in case things go awry.
	7) under the add tag in the connection string attribute, paste in your connection string from the azure portal
	8) Note that in the string both user id and password are placeholders, put in your login info here
	9) Run your project Does it work? If so yay!
	10) If not, go to your model .edmx right click and update your model from your database.
	11) Now retry it
	12) If it worked, publish your project to the cloud, right click on your solution and hit publish
	13) In the publish pop up, it will note all the files that have changed, hit publish and it will bring up your site
	14) Navigate to your database view and see if it worked
	15) Make sure you store the connection string in a safe place
	Add an item

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