

Readme for deploying the laundry management system

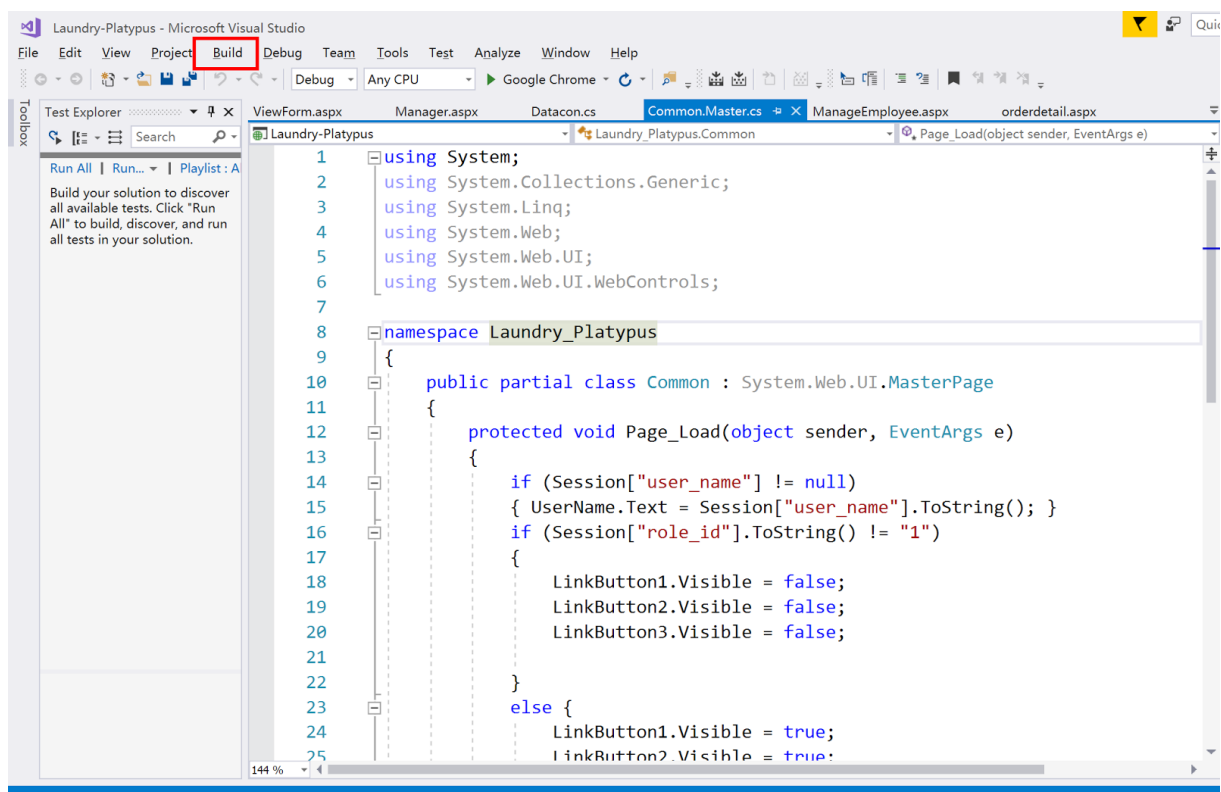
The delivering file of the application is a web deployment package file, which is really easy to publish and deploy. The following content would show the specific instructions to deploy the application.

Step 1: Download and install the Visual Studio, which is a software platform where you could publish the application easily. You could download the latest version from <https://www.visualstudio.com/downloads/>.

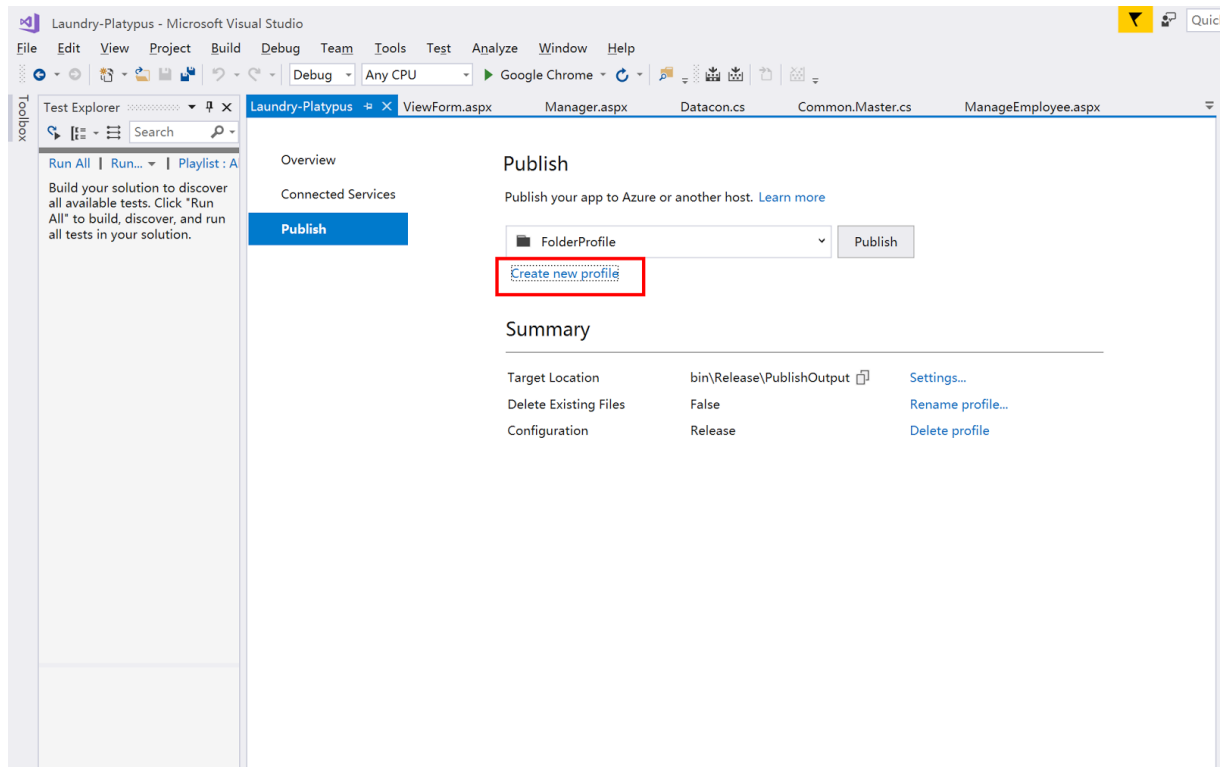
Step 2: Double click Visual Studio icon.



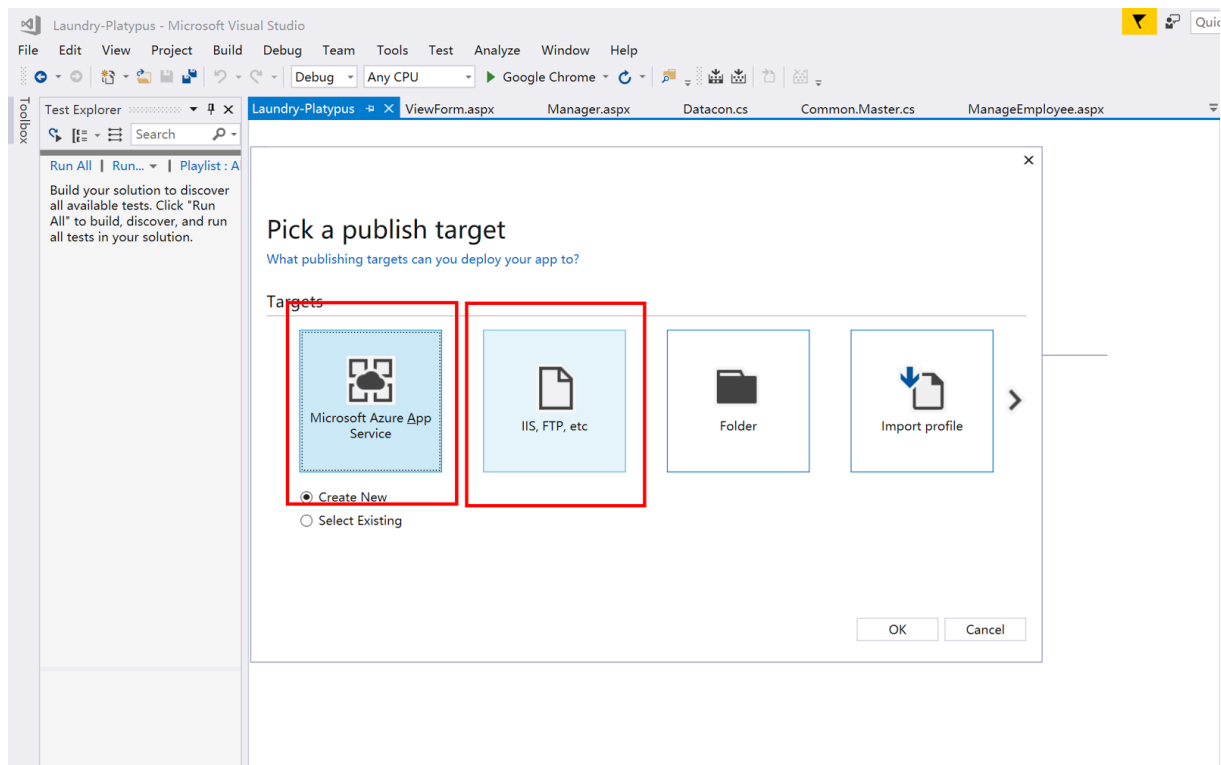
Step 3: Click the “build” button on the top navigation bar and select “publish” option.



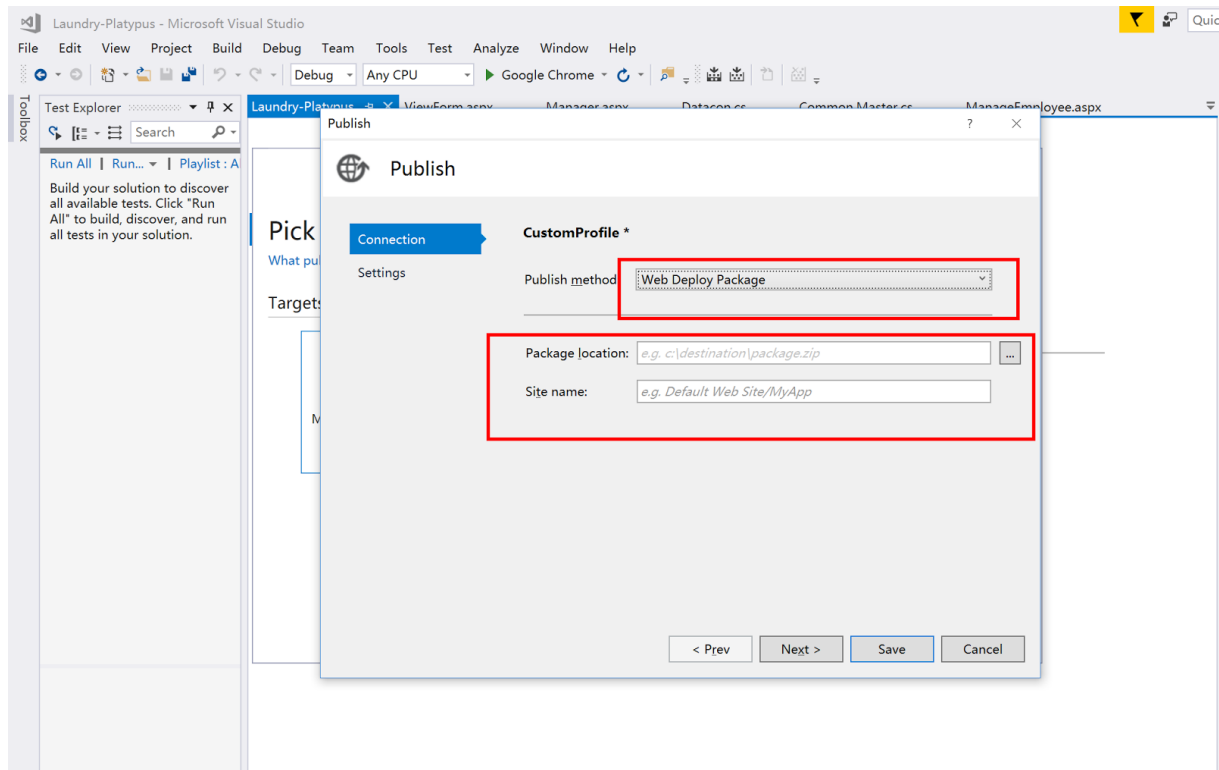
Step 4: Clicks the “create new file” button.



Step 5: Now you have two options to deploy the application. If your company already have a server, you could click the second button “IIS, FTP, etc”. If your company has no server, you could see step 7.



Step 6: Select the publish method as “Web Deploy Package”, select package location and choose a name for your site. Then just click next button and fill in the required information of your server. After clicks the save button, the application would be deployed successfully.



Step 7: If your company has no server, we highly recommend you to select the first option “Microsoft Azure App Service”, which is a cloud computing service. And it has lots of benefits, such as flexible and convenient. Besides, Azure is tuned for the framework of our application, which is asp.net. So this application would achieve better performance on Azure. If you don’t have an Azure account, you need to sign up an account at <https://azure.microsoft.com/en-us/free/?v=17.39a>

Azure free account sign up
Start with a \$260 credit for 30 days, and keep going for free

1 About you

* Country/Region ⓘ
Australia

* First name
Yang

* Last name
Xiong

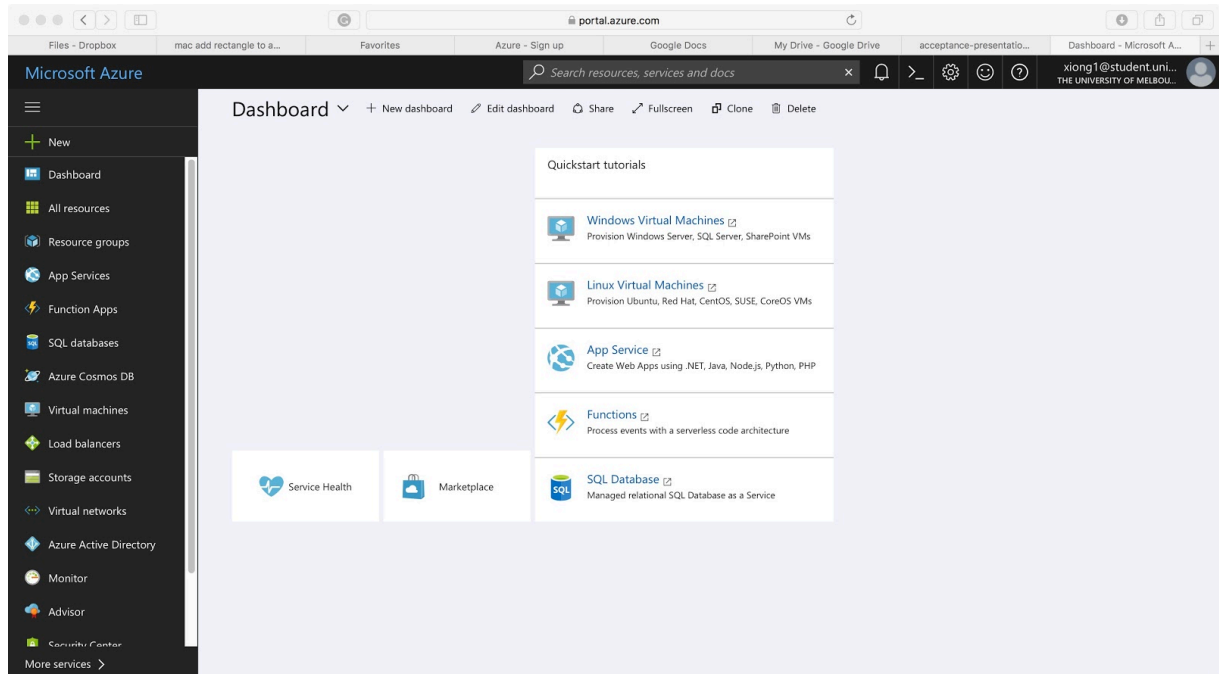
* Email address ⓘ

* Phone
Example: 499 123 456

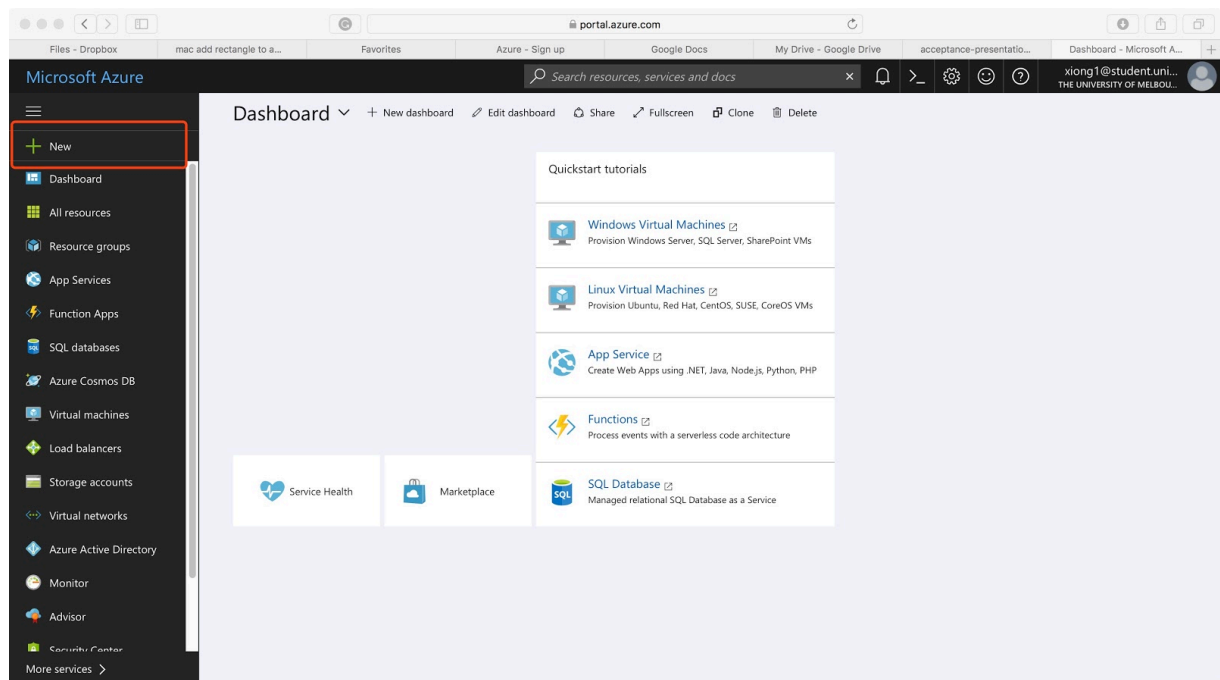
ABN ⓘ

Next

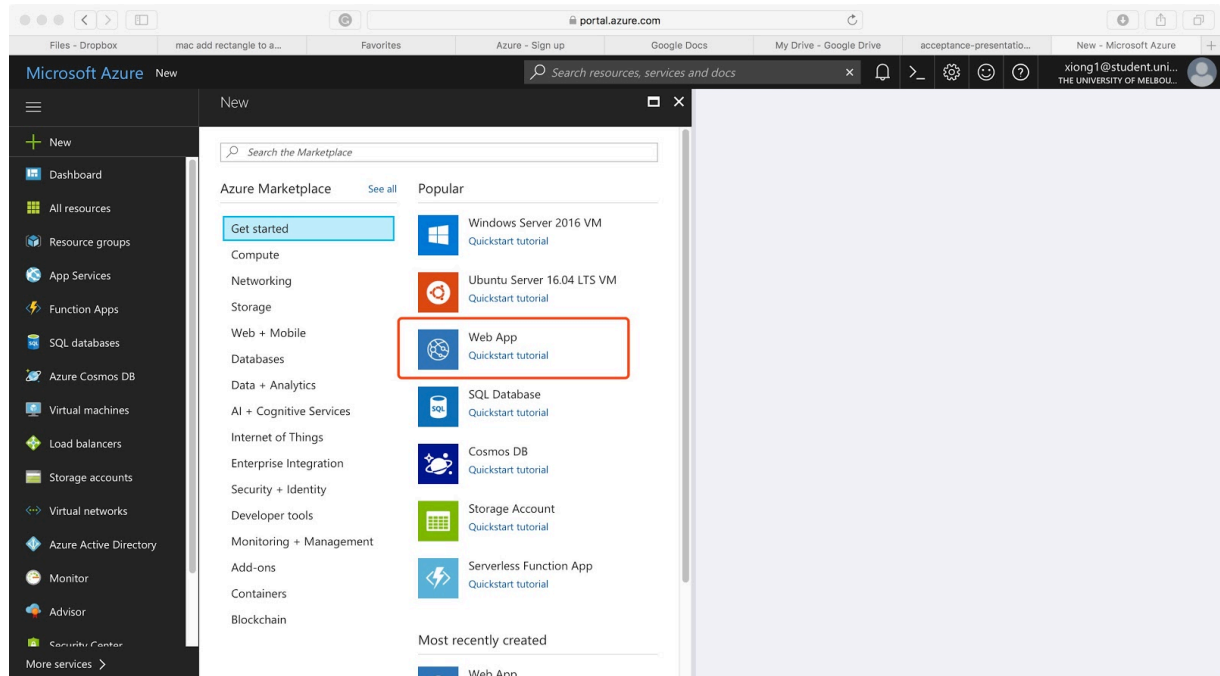
Step 8: After login your account on Azure at <https://portal.azure.com/> , you could see the dashboard.



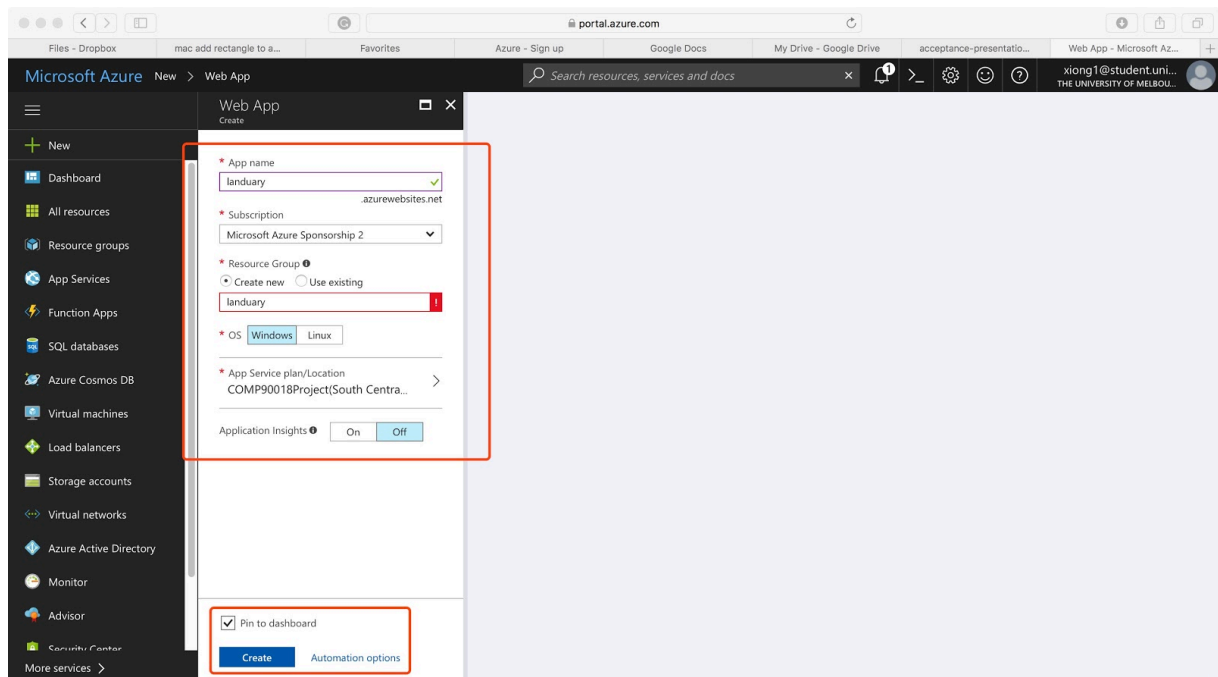
Step 9: To build the web app service, just click the new button on the left sidebar.



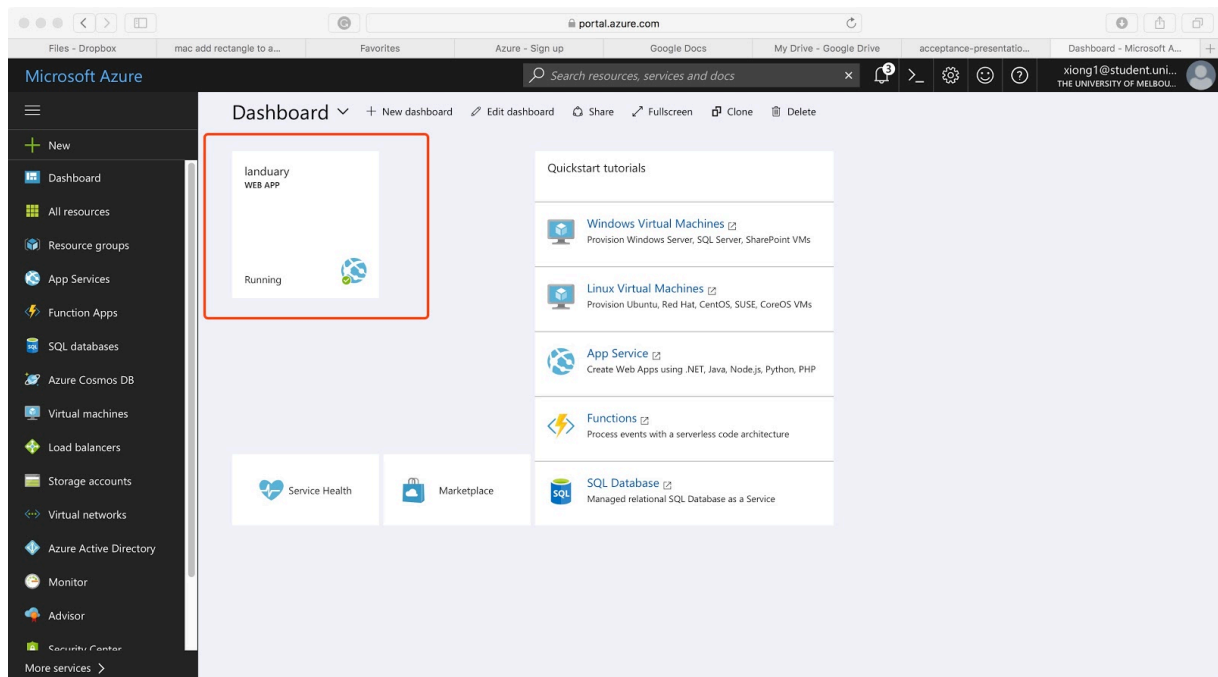
Step 10: Click the “Web App” button.



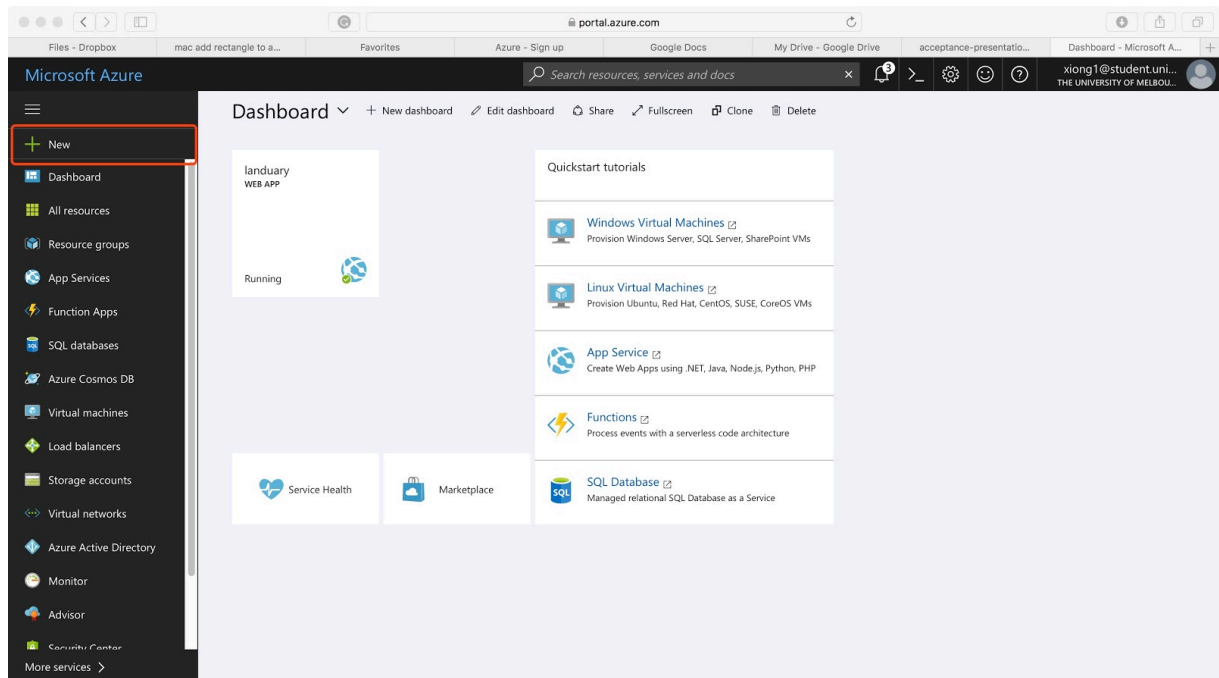
Step 11: Fill in the required information, tick the checkbox of pin to dashboard and click the create button.



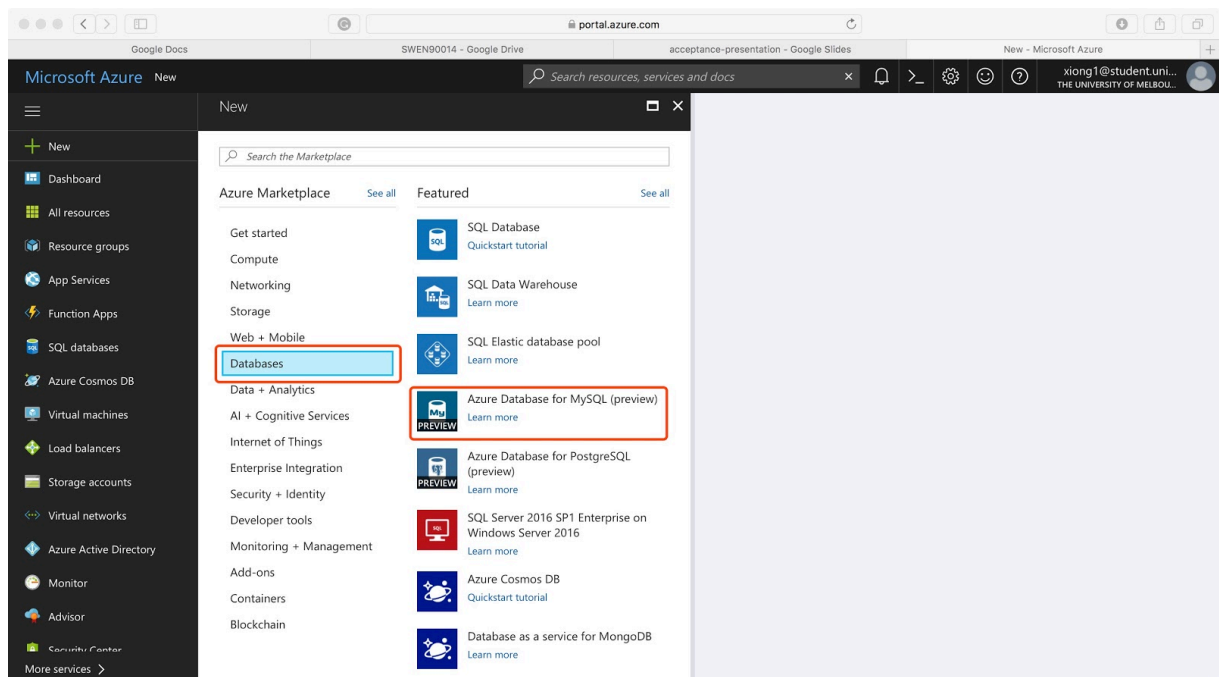
Step 12: You could see the created web app shows on your dashboard.



Step 13: To deploy the database, click the new button on the side bar again.



Step 14: Click the “Database” button and select “Azure Database for MySQL(preview)”.



Step 15: Fill in all required information.

Microsoft Azure portal - MySQL server configuration page. The form is filled with the following information:

- Server name: landuary
- Subscription: Microsoft Azure Sponsorship 2
- Resource group: landuary
- Server admin login name: Enter server admin login name
- Password: Enter password
- Confirm password: Confirm the above password
- Location: South Central US
- Version: 5.7
- Pricing tier: Standard, 100 Compute Units, ...

The 'Create' button is highlighted.

Step 16: Select the “Pricing tier” based on your need. You could custom the compute unit and storage as well.

Microsoft Azure portal - MySQL server configuration page. The 'Pricing tier' dialog box is open, showing the following options:

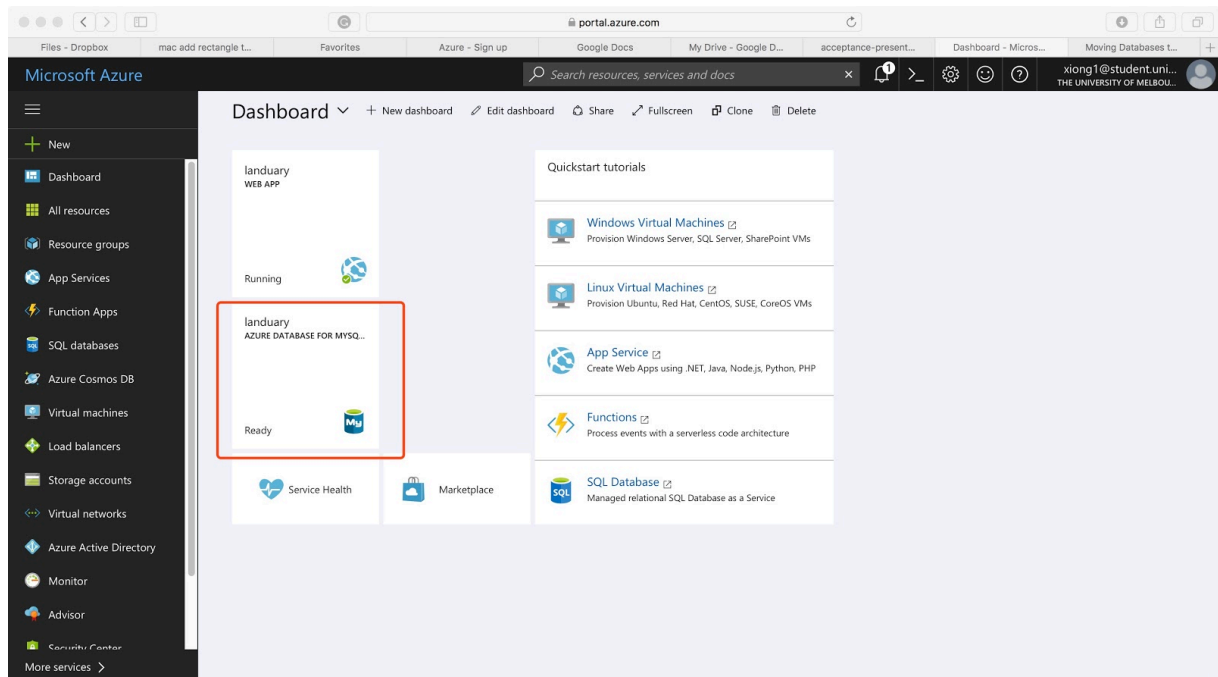
- Basic: For workloads that scale with variable IOPS
- Standard: For workloads that require on-demand scaling optimized for high throughput with provisioned IOPS
- Premium: Coming soon

The 'Standard' option is selected, showing the following pricing details:

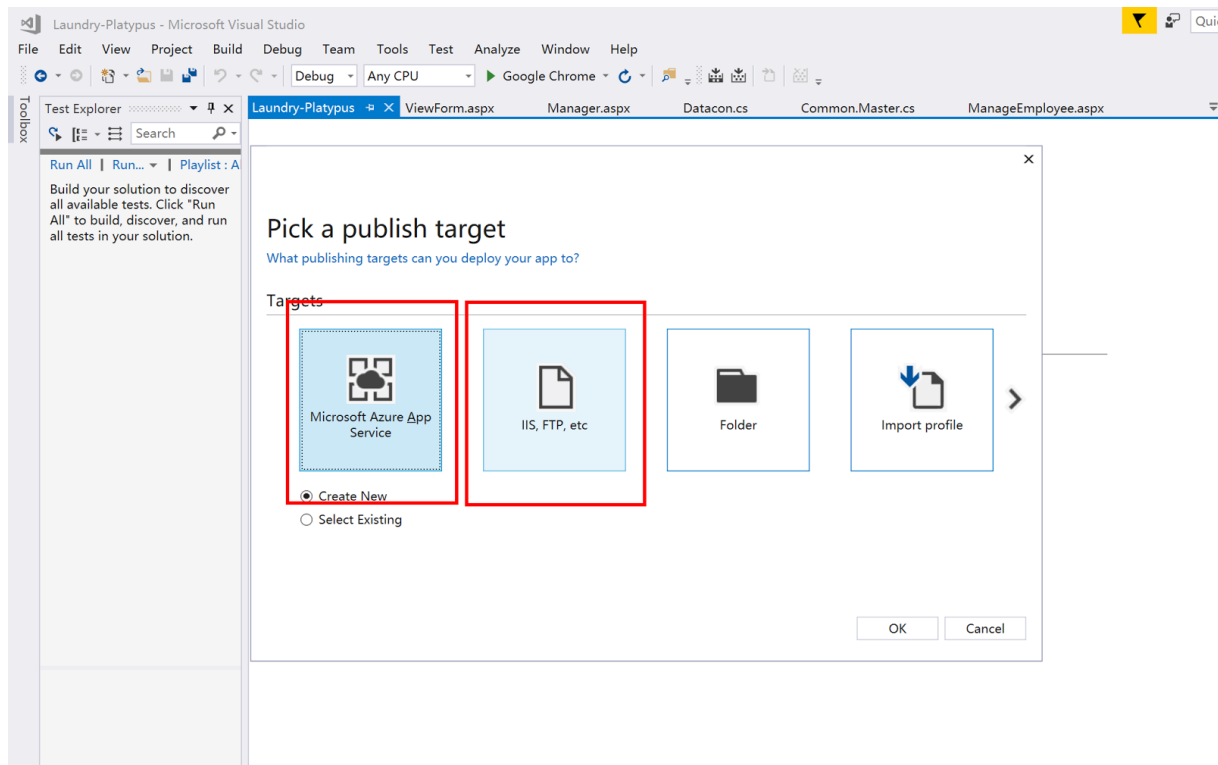
Resource	Value	Unit Price	Cost
Compute Units	100	0.92 AUD	92.00 AUD
Storage (GB)	125	0.00 AUD	0.00 AUD
Monthly cost			92.00 AUD

The 'Create' button is highlighted.

Step 17: The created database would show on the dashboard. Then you could build the database according to the provided testing database. Two databases have the same schema and same tables.



Step 18: Go back to step 5 and click the first option “Microsoft Azure App Service”.



Step 19: Login your Azure account, then select the web app service and database you just created. After filling in the required information, the application would be deployed successfully.

The screenshot shows the 'Create App Service' dialog in Microsoft Visual Studio. The dialog is titled 'Create App Service' and has a subtitle 'Host your web and mobile applications, REST APIs, and more in Azure'. The 'Account' dropdown at the top right is set to 'The University of Melbourne' with the email 'xiong1@student.unimelb.edu.au'. The 'App Name' field contains 'Laundry-Platypus20171015091925'. The 'Subscription' dropdown is set to 'Microsoft Azure Sponsorship 2'. The 'Resource Group' dropdown is set to 'landuary (southcentralus)' with a 'New...' button next to it. The 'App Service Plan' dropdown is set to 'COMP90018Project (S1, South Central US)' with a 'New...' button next to it. Below these fields, there is a section titled 'Clicking the Create button will create the following Azure resources' with a link 'Explore additional Azure services' and the text 'App Service - Laundry-Platypus20171015091925'. At the bottom, there are three buttons: 'Export...', 'Create', and 'Cancel'. The 'Create' button is highlighted with a red box.

Laundry-Platypus - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Debug Any CPU Google Chrome

Test Explorer Search

Run All | Run... | Playlist: A

Build your solution to discover all available tests. Click "Run All" to build, discover, and run all tests in your solution.

Create App Service

Host your web and mobile applications, REST APIs, and more in Azure

The University of Melbourne
xiong1@student.unimelb.edu.au

Hosting

Services

App Name: Laundry-Platypus20171015091925

Subscription: Microsoft Azure Sponsorship 2

Resource Group: landuary (southcentralus) [New...]

App Service Plan: COMP90018Project (S1, South Central US) [New...]

Clicking the Create button will create the following Azure resources

[Explore additional Azure services](#)

App Service - Laundry-Platypus20171015091925

If you have removed your spending limit or you are using Pay as You Go, there may be monetary impact if you provision additional resources. [Learn More](#)

Export... Create Cancel