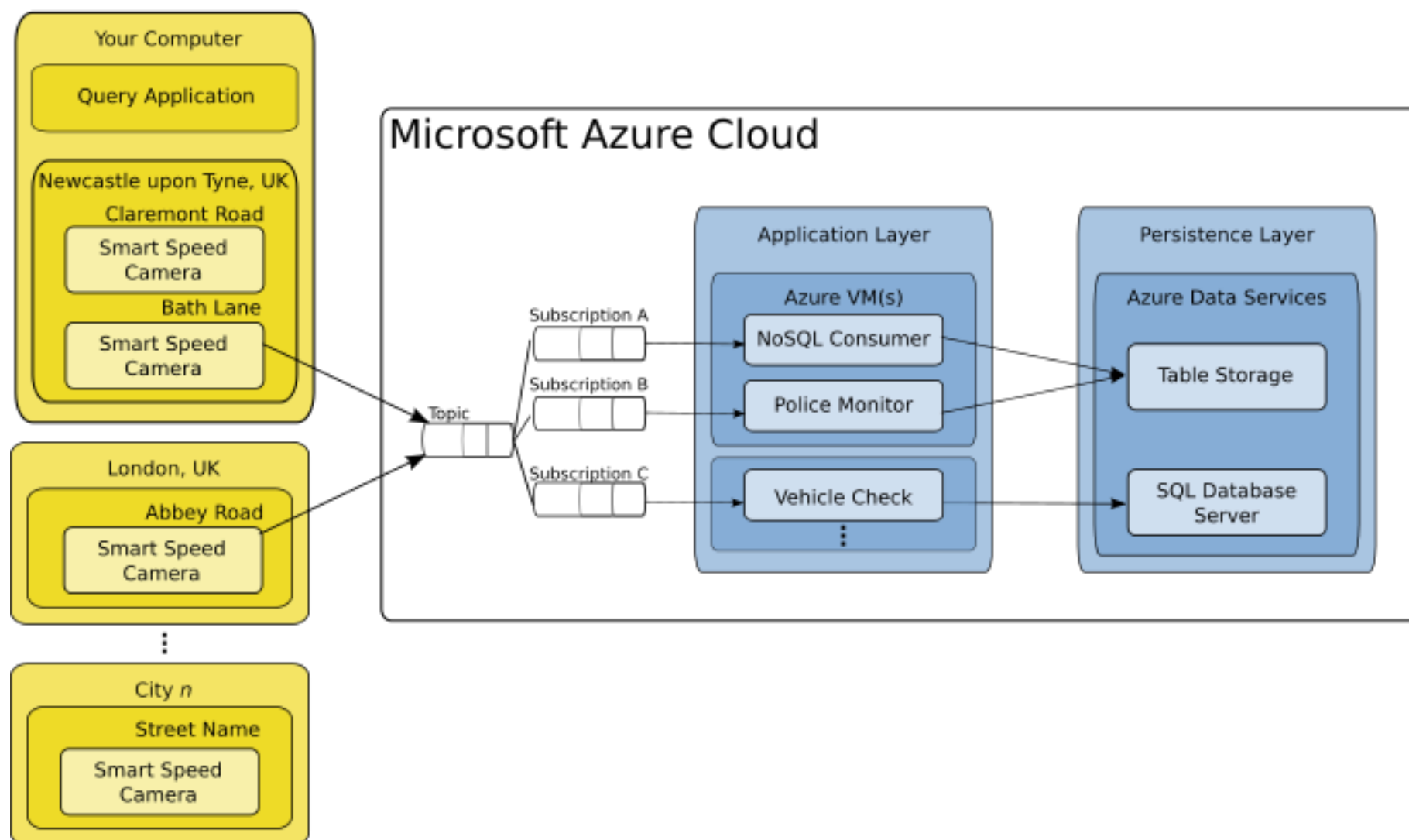


# CSC8110 Cloud Computing

Matt Forshaw  
([matthew.forshaw@ncl.ac.uk](mailto:matthew.forshaw@ncl.ac.uk))

# Coursework Outline





# Six-month Microsoft Azure Pass



- Six month (180 days) duration.
- Up to \$100USD/month to spend as you wish!
  - Compute, Data Services, App Services, Network Services
- Redeem your code at <http://www.microsoftazurepass.com/>
  - Details at <https://www.microsoftazurepass.com/howto>
- **Important: Sign up with a personal email address!**
  - Use Private Browsing mode, to avoid your Office365 account being detected.

Microsoft Azure

All Microsoft Sites

Search Microsoft Azure

## Try Microsoft Azure Pass

We're offering an Azure Pass, so for a limited time period, you can try Azure for free.

### SIGN UP FOR YOUR PASS

To begin, select your country and enter a promo code.

Please Select Country

Submit

\*No credit card required

[Redemption Process Guide](#)



©2015 Microsoft, One Microsoft Way, Redmond, WA 98052 USA

# Microsoft Azure

All Microsoft Sites

Search Microsoft Azure



Please sign in using your Organizational account or Microsoft account, fill out the remaining information, then click submit.

[Sign in](#)

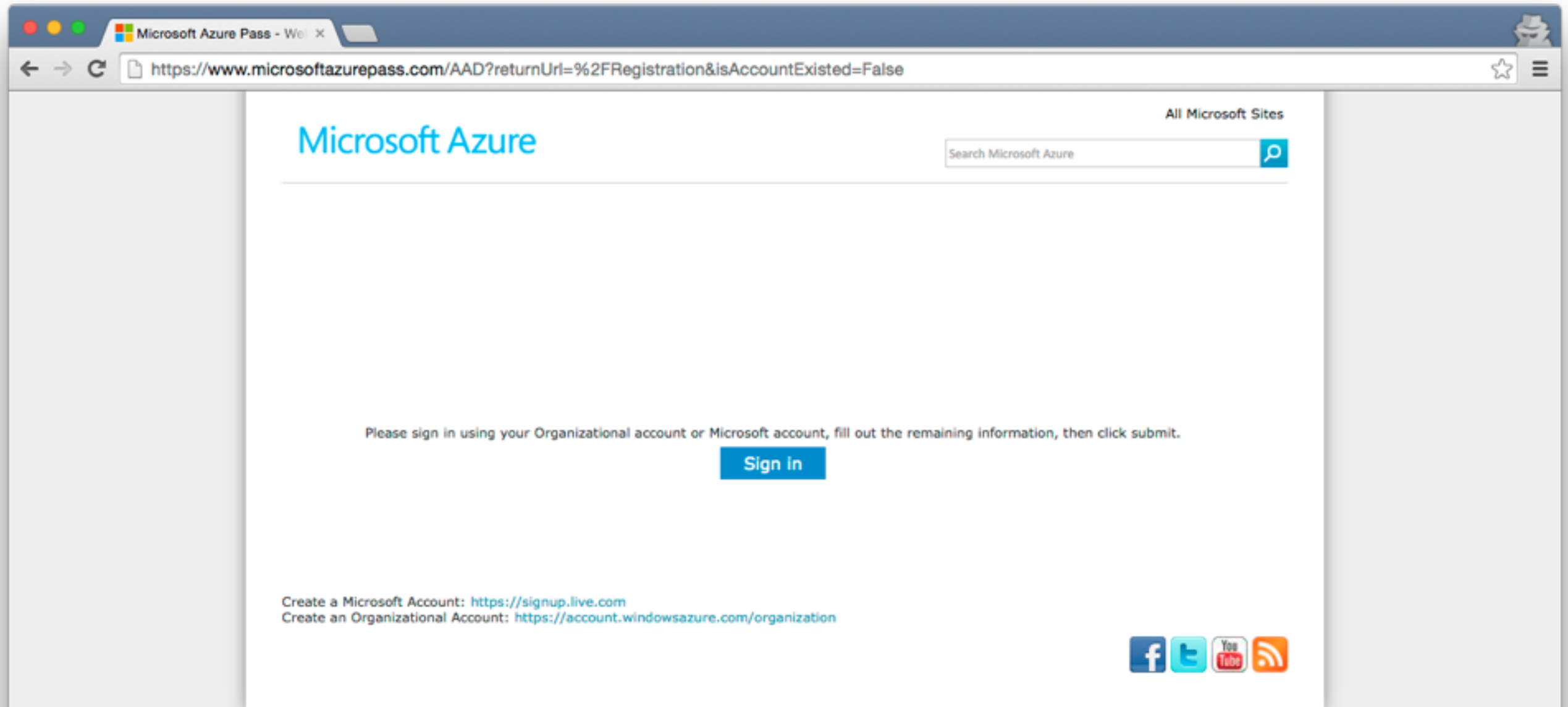
Create a Microsoft Account: <https://signup.live.com>

Create an Organizational Account: <https://account.windowsazure.com/organization>



©2015 Microsoft, One Microsoft Way, Redmond, WA 98052 USA





Create a Microsoft Account: <https://signup.live.com>



## Create an account

You can use any email address as the user name for your new Microsoft account, including addresses from Outlook.com, Yahoo! or Gmail. If you already sign in to a Windows PC, tablet, or phone, Xbox Live, Outlook.com, or OneDrive, use that account to [sign in](#).

First name

Last name

User name

[Get a new email address](#)

Password

8-character minimum; case sensitive

Reenter password

Country/region

Birthdate

Your name will appear to your friends, co-workers, family, and others in the Microsoft services you use.



Microsoft Azure Pass - Reg x

https://www.microsoftazurepass.com/Registration?authType=AAD

☆

☰

Microsoft Azure

All Microsoft Sites

Search Microsoft Azure

Fill out the remaining information, then click submit.

First Name\*

Matthew

Last Name\*

Forshaw

Microsoft account\*

i

matt@mattforshaw.com

Submit

f

t

YouTube

Microsoft Azure Pass - Suc X

← → ↺ https://www.microsoftazurepass.com/Message ☆ ☰

Microsoft Azure

All Microsoft Sites

Search Microsoft Azure 🔍





# Azure Pass

This Azure Pass offer provides the following:

- \$100 USD monthly credits (converted to local currency)
- 6 month duration
- View [offer details](#)

Get started now:

Activate ➔



Your Microsoft Azure Pass Offer - matthewforshaw@gmail.com - Gmail

https://mail.google.com/mail/u/0/?ui=2&view=bt&ver=dqujp3h61mgd&search=inbox&th=15179d37d9dee876&c...

More

Your Microsoft Azure Pass Offer

Inbox x

Microsoft Azure Pass System Admin <azpadmin@microsoft.com>

00:24 (1 minute ago) ☆

to Matthew

Dear Matthew,

Thank you for redeeming your Microsoft Azure Pass. This Azure Pass offer provides the following:

- \$100 USD monthly credit to Microsoft Azure (converted to local currency)
- 6 month duration
- View [offer details](#)

You can access your subscription at <http://account.windowsazure.com> with your Microsoft account : [matt@mattforshaw.com](mailto:matt@mattforshaw.com)

If you were unable to complete the activation of your Azure Pass offer, please visit the [offer activation page](#).

For any difficulties accessing your subscription, please contact [support](#).

Thank you,  
The Microsoft Azure Pass Team

Click here to [Reply](#) or [Forward](#)

# Programming languages and tools

- We encourage you to make your own decision over the choice of programming languages and tools.
  - Is there an Azure SDK available for the programming language?
    - **Java**, .Net, Node.js, PHP, Python, Ruby, etc...
  - Which technologies are you most familiar and comfortable with using?
  - Will the demonstrators have the experience using these technologies to be able to help you?
  - Have these technologies been used on Azure before?
    - Blogs, Microsoft website, Stack Overflow?
- **If in doubt, check with a demonstrator!**



How to use Service Bus topics and subscriptions

Microsoft Corporation [US]https://azure.microsoft.com/en-gb/documentation/articles/service-bus-java-how-to-use-topics-subscriptions/

SALES 0-800-098-8435MY ACCOUNTPORTALSearch

Microsoft Azure

Why Azure?ProductsDocumentationPricingPartnersBlogResourcesSupport

FREE TRIAL

Service Bus

Overview

Service Bus learning path

Service Bus Premium messaging

Service Bus fundamentals

Core brokered messaging capabilities

Service Bus architecture

Learn about Service Bus messaging

Learn about Service Bus relays

Getting started

When do I use Service Bus?

Develop

Running the samples


Manage

Reference











DOCUMENTATION > SERVICE BUS

How to use Service Bus topics and subscriptions

TAGS: SERVICE BUS , JAVA

By Seth ManheimUpdated: 07/10/2015

Contributors



[Edit on GitHub](#)

NETJavaNode.jsPHPPythonRuby

In this article:

[What are Service Bus Topics and Subscriptions?](#)

[Create a service namespace](#)

[Obtain the default management credentials for the namespace](#)

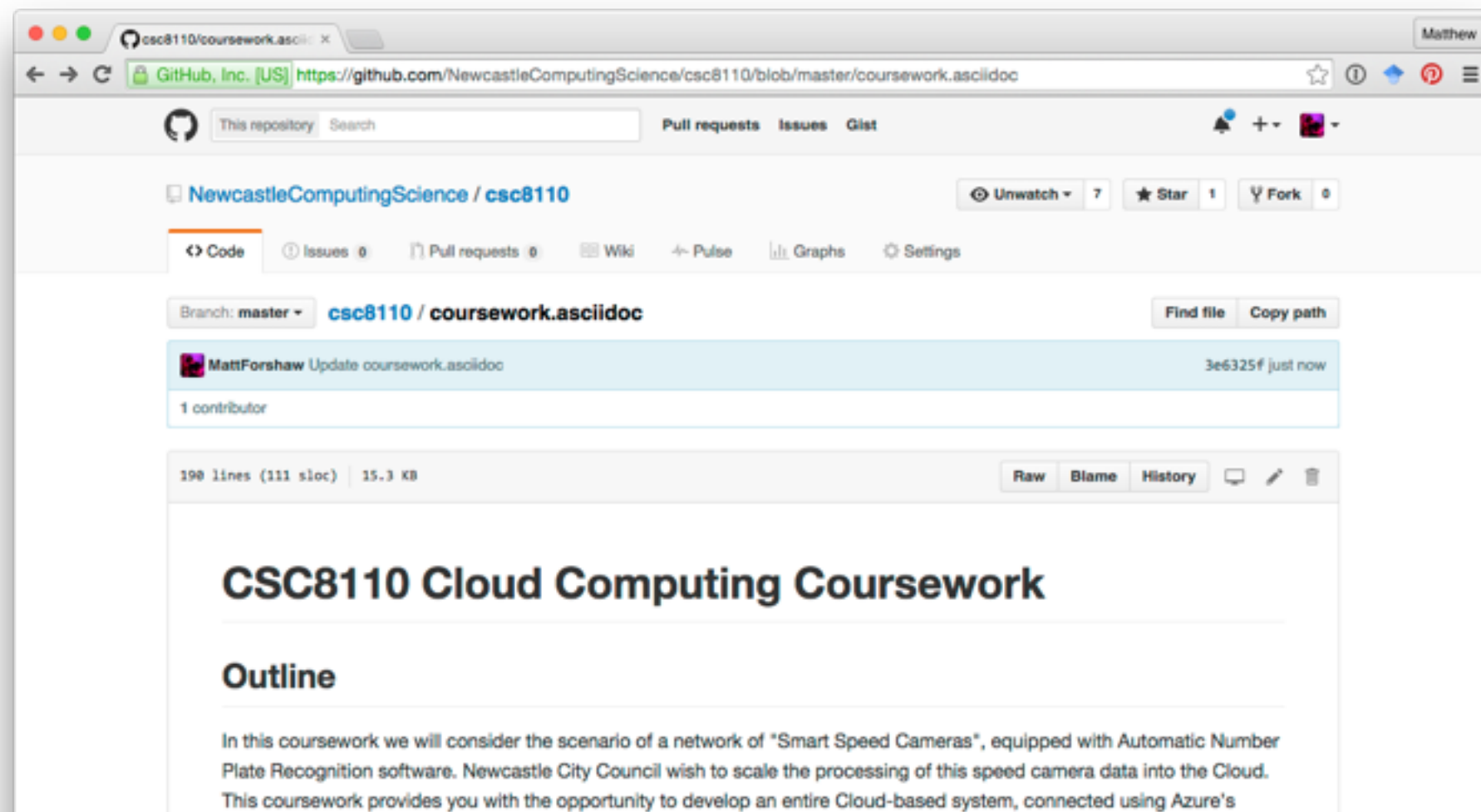
[Configure your application to use Service Bus](#)

[Create a topic](#)

[Create subscriptions](#)

# Coursework Materials

- All course materials are stored in a Github repository
  - <http://github.com/NewcastleComputingScience/csc8110>
- Check back regularly for additional content.
  - Frequently Asked Questions (FAQs)
  - Additional Resources





- Mon 7th December 9-11am
- Mon 7th December 2-4pm
- Mon 14th December 2-4pm
- Tues 15th December 12-2pm
- Thurs 17th December 4-6pm
- Fri 18th December 1-3pm

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 am					
10:00 am					
11:00 am					
12:00 am		Practical			
1:00 pm					Practical
2:00 pm	Practical				
3:00 pm					
4:00 pm				Practical	
5:00 pm					Submission
6:00 pm					

- Demonstrators: Matt Forshaw, Peter Michalák, Saleh Mohamed, Hugo Firth, Rawaa Qasha, Sami Alajrami

# Deadlines

- Completed assignments including all source code and your written report must be submitted electronically through NESS.
- Friday 18th December 2015 at 4:30pm
- This assignment is worth **30%** of your final mark for this module.

Any questions?  
[matthew.forshaw@ncl.ac.uk](mailto:matthew.forshaw@ncl.ac.uk)