# Tasks

1. +Install visual studio 2012
2. +Install git – msysgit
3. Call to Andrew to check the connection quality
4. Call to Mick to setup our local environments
5. [12:02:24 PM] Michael Delaney: ok your both on hipchat now too (its our internal chat system).

[12:02:34 PM] Michael Delaney: you'll get an email invite soon

1. Resharper
2. i'd recommend sticking to the command line
3. [11:46:18 AM] Michael Delaney: i have a book & videos on using git, i'll share them with you later
4. [11:47:30 AM] Michael Delaney: there's 2 courses i'd like you to look at, you can do it during work hours:

[11:47:30 AM] Michael Delaney: http://www.pluralsight.com/training/Courses/TableOfContents/selenium

[11:47:35 AM] Michael Delaney: <http://www.pluralsight.com/training/Courses/TableOfContents/continuous-integration>

1. one of the issues i feel at the moment is that we're using a bunch of different things (which is how its done with KnockoutJS) whereas angular is a more complete framework, but works very similar to Knockout, angularjs is from google.

[12:49:39 PM] Michael Delaney: anyways i'll discuss later.. would be good to get your input on it

1. Task

[11:48:06 AM] Michael Delaney: the initial tasks i'd like you to work on is setting up an improved Customer Acceptance Testing process.

[11:48:30 AM] Michael Delaney: basically using Webdriver (Ghostdriver), PhantomJS & Specflow,

[11:48:37 AM] Michael Delaney: using the Page Object Pattern.

[11:48:55 AM] Michael Delaney: i've got some example code in the repository already...

[11:49:22 AM] Michael Delaney: the idea is that we get the site covered with some automated tests, to make deployments more stable.

[11:49:33 AM] Michael Delaney: this will require you working with TeamCity to setup the automation.

[11:49:39 AM] Michael Delaney: i'll give you logins for that also...

[11:49:52 AM] Michael Delaney: we have a teamcity server on amazon (aws)

[11:50:18 AM] Michael Delaney: then i think it'll be on to the migration of certain parts of the app to MongoDB (from mysql)..

[11:50:26 AM] Michael Delaney: so good to have alot of tests in place before we do that.

[11:50:49 AM] Michael Delaney: my plan is to run Mongo in parrallel to Mysql in production for a while.

[11:51:04 AM] Michael Delaney: to build parrallel screens, so that we can test it fully and then switch over the scrreens...

[11:51:12 AM] Michael Delaney: we can then remove the mysql based code

i've already integrated mongo in production...

[11:53:42 AM] Michael Delaney: so it is being used.. i'll show you later...

[11:53:52 AM] Michael Delaney: its just not on a critical part of the app

1. [11:54:36 AM] Michael Delaney: ok, you can also install the following on to your machine..

mysql, rabbitmq, mongodb

1. [11:57:36 AM] Michael Delaney: so you can go ahead and install Ruby http://rubyinstaller.org/

[11:57:43 AM] Michael Delaney: the latest 1.9.3

1. one thing you could use actually to setup software is <http://chocolatey.org>

check it out when you get a chance...

not required but useful

# Info

[11:55:19 AM] Michael Delaney: yes we have Unit, Integration & Customer Acceptance Tests

[11:55:41 AM] Michael Delaney: we use Machine Specifications for Unit & Integration Tests

[11:55:58 AM] Michael Delaney: https://github.com/machine/machine.specifications

[11:56:31 AM] Michael Delaney: one other thing i'm working on now is using Vagrant to setup and tear down local environments...

[11:56:47 AM] Michael Delaney: i've got a sample working which sets up rabbitmq

[11:56:59 AM] Michael Delaney: http://www.vagrantup.com/