# The One Precents (Tops)

## Git Hub

* <https://github.com/>
* Username: [jamesmacdonald@live.com.au](mailto:jamesmacdonald@live.com.au)
* Password: James01

## Azure

* [manage.windowsazure.com](http://manage.windowsazure.com/)
* Username: [jamesmacdonald@live.com.au](mailto:jamesmacdonald@live.com.au)
* Password: c3029342

## Website (Staging)

* <http://theonepercentersstaging.azurewebsites.net/>
* http://theonepercentersstaging.azurewebsites.net/ChadMacKay/Dashboard

## Send Grid (Mail SMTP on Azure)

## Database (hosted on Azure)

* Server sjswjue48i.database.windows.net
* Login theonepercentersadmin
* Password: tOpS07112014

## Technologies

* ASP.NET MVC 4.0
* Entity Framework 4
* Razor
* Ninject
* Bootstrap 3
* XUnit

## Themes

* Prefectum (http://wrapbootstrap.com/preview/WB0PHMG9K)

Project Structure

* TheOnePercents (Solution)
  + TheOnePercents.Domain
  + TheOnePercents.Infrastructure
  + TheOnePercents.Model
  + TheOnePercents.Repository
  + TheOnePercents.Test
  + TheOnePercents.Web

## Overview

The majority of the scaffolding code is in place. All the projects are set up with the model and some of the required service are also in place. All the components that will be used are set up

* SMTP – SendGrid
* DI – Ninject
* Database – SQL Server
* Database communication – EF 4 and Base Repository
* Frontend themes and Html5Bolilerplate
* Framework – MVC/Razor UI

The layout of the dashboard is also almost complete. It is just missing the ladder and the ‘sticking’ the side menu when scrolling occurs.

There is still a fair amount of work to finish in hooking up the frontend UI and the backend functionality. I reckon if I had a solid week of just working on tops I would get it finished.

We also need to add logging and/or error handling. I would suggest ELMAH and Log4Net (pretty much the standard for web dev).

Also need to integrate the BrainTree payments. This is a one off payment per client.

At the moment it is set up to use MVC areas. This was because originally we were considering using the URL format of [Domain Name]/[Competition]

E.G. tops.com/ChadsChallenge

The idea now is to have the completion as the main Domain Name

E.G. [www.ChadChallenge.com](http://www.ChadChallenge.com)

So, you would need to move the code out of the area and back to the root MVC Views and Controller directories.

The model is built from the database using the ADO.NET Entity Data Model Project.

All communication between the Model and Services is via a generic base repository in the Repository Project, TheOnePercents. Repository.

Service are injected into controllers and others services via dependency injection using Ninject (3.2.0).

The relationships between the service interface and concrete classes is set up in the InjectControllerFactory class in TheOnePercents.Infrastructure.

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