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# Introduction

Behaviour driven development is a kind of approach by combining principles of TDD as well as domain driven design.

Here we write test cases based upon domain in plain language.

May be discussing in detail here , a domain expert will define the test scenarios in his own language and developer will be generating steps based on the information

## Spec flow

Though there many frameworks available, we are using something called spec flow.

This is a framework for visual studio for writing behaviour driven test cases

Refer below link for more details

<https://specflow.org/>

## Sample Code Explanation

Here we are trying to build a solution for an organization having chain of education institutes

Let us first understand the business case for this.

* There are many institutes
* There are many categories
* Each category having heterogeneous process

For each of the institutes, there will be registration, admission and so on.

As per analysis we have come to the domain-based on categories such that we have many categories in place like schools, colleges, professional colleges and so on.

As a domain expert, I have scenario

* I will need to register using values
  + Name
  + Address

I am expecting True for successful registration and false otherwise

Here are steps laid out

* Provide Name
* Provide Address
* Call method
* Asset it

Scenarios will defined first and steps will be generated based out of it

## Questions and Answers

Please feel to post your questions if any