

Xây dựng phần mềm

# ASP.NET MVC

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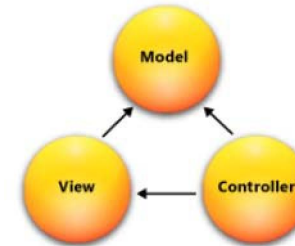
## Last Content

- + Introduce to Linq
- + ADO.NET Entity Data Model

## Content

- + ASP.NET MVC: MSDN MVC Overview

<http://msdn.microsoft.com/en-us/library/dd381412%28v=vs.108%29.aspx>

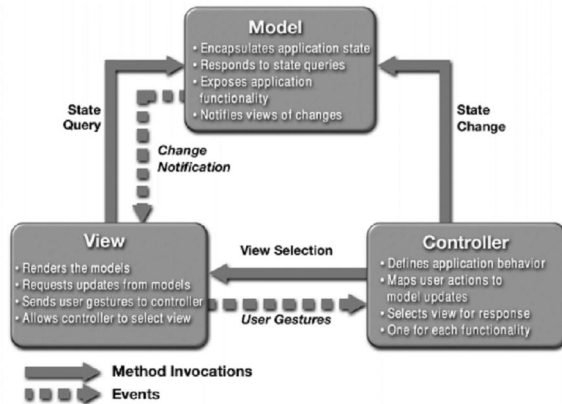


## Content

- + ASP.NET
  - Rich controls and tools
  - Postbacks & states
  - Event driven web development
  - Viewstate
  - Less control over the HTML
  - Hard to test
  - Rapid development

## Content

### + ASP.NET MVC



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## Content

### + ASP.NET MVC

- The user interacts with the user interface in some way (e.g. presses a button).
- A controller handles the input event from the user interface, often via a registered handler or callback.
- The controller notifies the model of the user action, possibly resulting in a change in the model's state (e.g. update info) .
- A view has an appropriate user interface to display data from the view. The model has no direct knowledge of the view.

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## Content

### + ASP.NET MVC

- Model: contains the application data and logic to manage the state of the application.
  - domain objects that contain business data & rules
- View: the user interface presents an aspect of the state.
  - HTML / XHTML generated by the application
- Controller: handles user inputs to change the state of the application.

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## Content

### + ASP.NET MVC4 Live Example

- New project
- New page: list of DiaDiem
- Update DiaDiem: button

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## Content

### + ASP.NET MVC

- More control over HTML
- No Codebehind
- Separation of concerns
- Easy to test
- URL routing
- No postbacks
- No ViewState

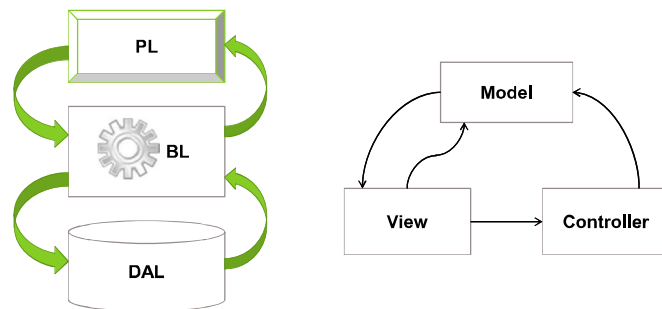
## MVC

+ Phần website của bài tập lớn **tùy chọn** sử dụng MVC hoặc ASP.NET web server controls

### + So sánh ASP.NET & ASP.NET MVC:

- So sánh ưu điểm – hạn chế của hai cách code web
- Trong trường hợp nào thì sử dụng cách nào hợp lý hơn ?
- Lý do cá nhân (trên cơ sở biết cả hai cách) ...

## 3-layer vs MVC



→ Áp dụng mô hình 3 lớp vào MVC ...

→ Áp dụng .NET Entity Framework vào MVC ...

## Reference

+ <http://msdn.microsoft.com/en-us/library/dd381412%28v=vs.108%29.aspx>