

# Understanding Partial Views and Child Actions

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# To-Do List



Exploring User Controls in Web Forms

Introducing Child Actions in MVC

Demo: Extracting the Widgets into Child Actions

Demo: Completing the Suggestion Widget

Demo: Completing the Survey Widget



# Introducing Child Actions

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# Extracting Markup with Partial Views

## Welcome to the Feedback Application!

Here you can manage the messages and tasks for our customers.

### Latest Messages

From	Subject	Sent	Action
mark@sample.com	Concerned Customer	1/17/2016 11:01:39 AM	<a href="#">View</a>
joe@sample.com	Question about shipping	1/17/2016 11:01:39 AM	<a href="#">View</a>
sam@sample.com	Mobile app troubles	1/17/2016 11:01:39 AM	<a href="#">View</a>
alex@sample.com	Poor service	1/17/2016 11:01:39 AM	<a href="#">View</a>
john@sample.com	Like the new site!	1/17/2016 11:01:39 AM	<a href="#">View</a>

[See all](#)

### Admin Tasks

Title	Description	Due Date	Action
Follow up with marketing about materials	A vendor has not received shipments for an order they placed through the online form.	1/24/2016 11:01:39 AM	<a href="#">View</a>
Vendor issues	A vendor has not received their order, please address this and check that the order was placed.	1/24/2016 11:01:39 AM	<a href="#">View</a>
Poor customer relations	Multiple customer complaints have come through about our phone service - please contact customer relations to verify that procedures are being followed.	1/24/2016 11:01:39 AM	<a href="#">View</a>

[See all](#)

### Rep of the Month

You can only vote once!

User	Add Vote
Jane	<a href="#">Vote Up</a>
Sarah	<a href="#">Vote Up</a>
Joe	<a href="#">Vote Up</a>
Bob	<a href="#">Vote Up</a>

### Continuous Improvement

Have a feature request or suggestion for how we can improve this app? Let us know! Send us a suggestion.

[Submit](#)

Partial View

Partial View



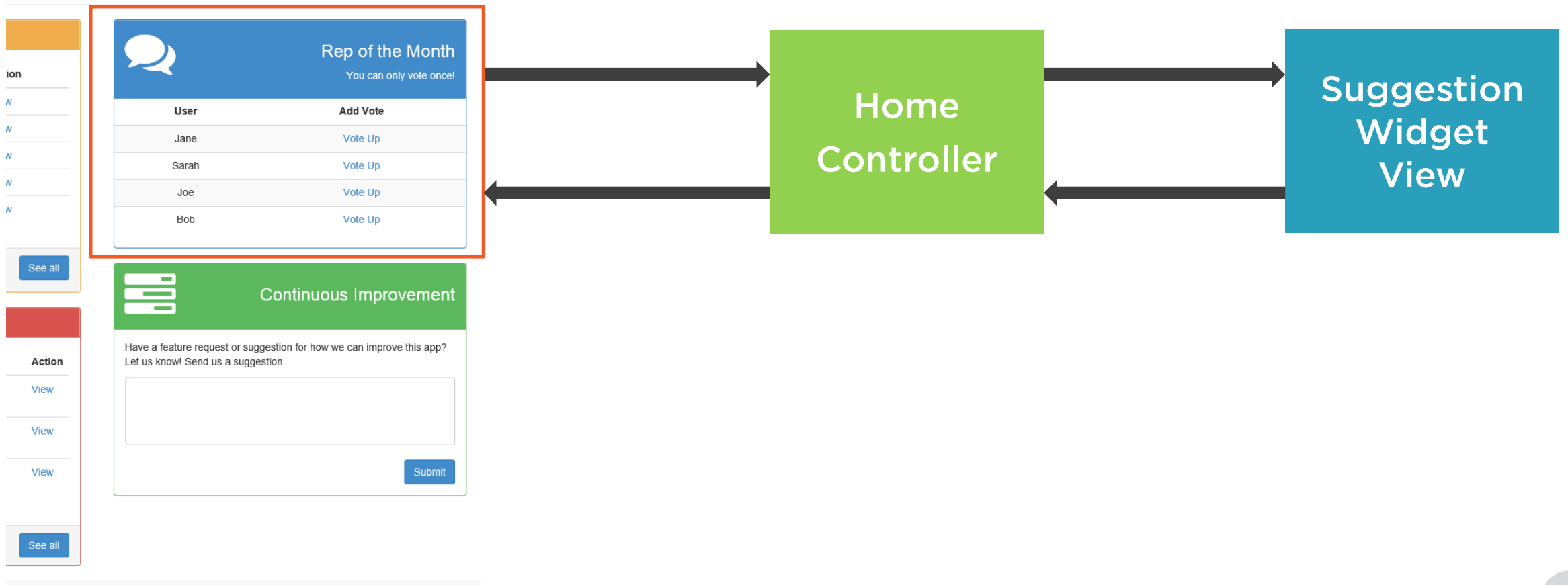
# Child Actions

Controller Action Methods that are called from within a View



# Understanding Child Actions

@Html.Action("SuggestionWidget")



# Benefits of Child Actions

**Prevent Code Duplication**

**Isolate Complex Sections of Code**

**Utilize Multiple Controllers for a Single Page**



```
<div class="form-group">
```

```
    @Html.Action("Survey", "Home", new { adminId = 3 })
```

```
</div>
```

## Child Action Parameters

**Like standard Action Methods, Child Actions can execute with parameters and Model Binding**





# Implementing Child Actions in MVC

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# Summary



**Child Actions Are Action Methods  
Executed from a View**

**Enable Isolation of Complex Components  
into Partial Views**

**MVC Supports Working with Multiple  
Forms on the Same Page**

**Child Actions Support Model Binding and  
Parameters like Any Other Action**



# A Short Detour

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