Understanding Partial Views and Child Actions

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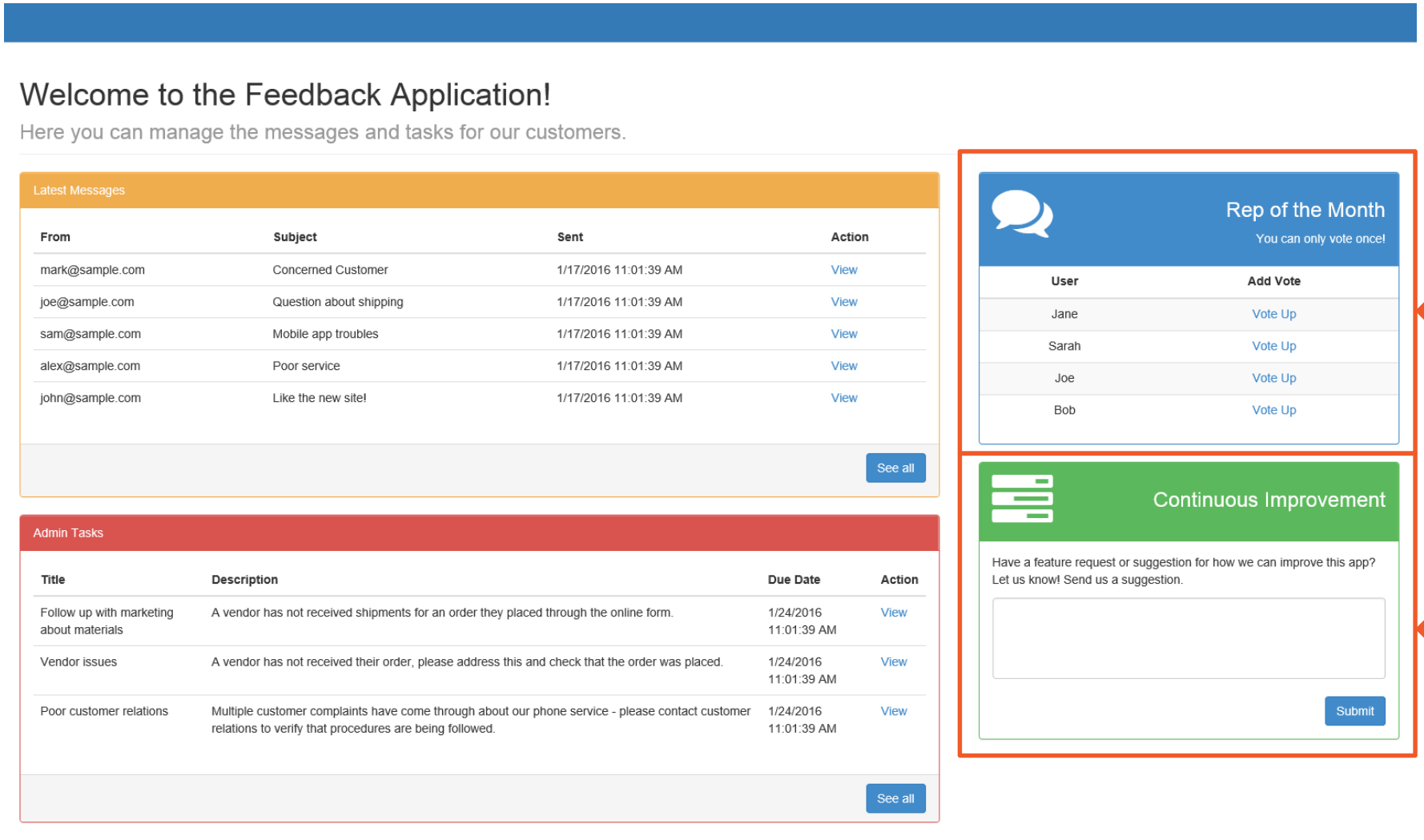
To-Do List

- 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

Extracting Markup with Partial Views



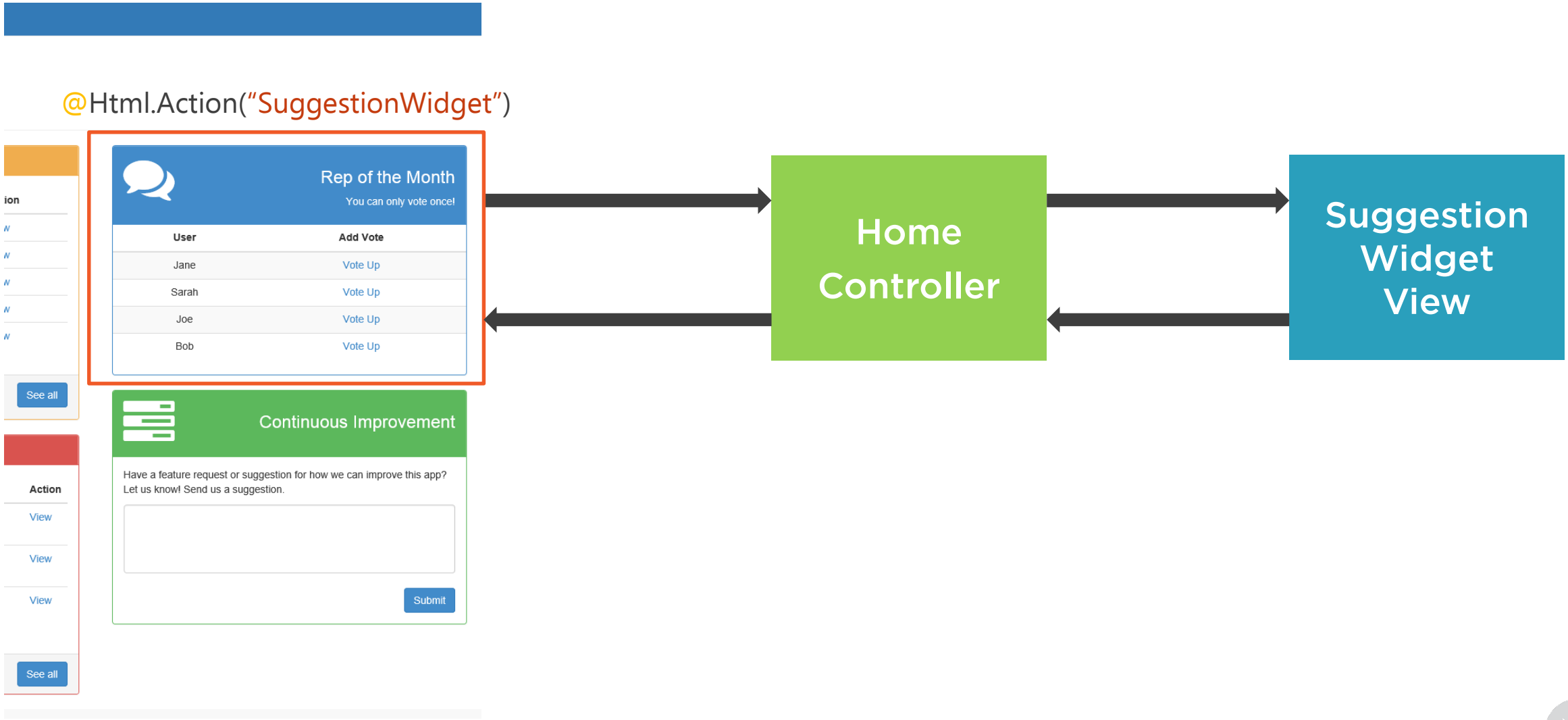
Partial View

Partial View

Child Actions

Controller Action Methods that are called from within a View

Understanding Child Actions



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

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