

NEW SIGNATURE



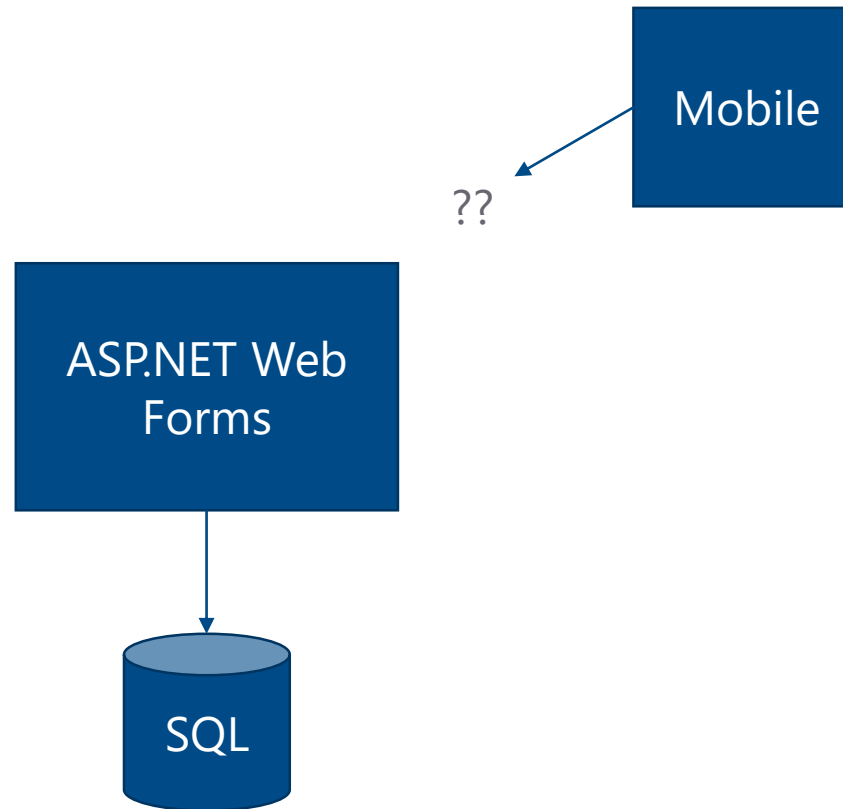
Whiteboard Session
Architecture

Your Situation

- You have an old ASP.NET WebForms monolithic application running .NET 4.0
- There's 30 developers developing this monolithic application
- Today, users are logging in using a mixture of homegrown authentication and cookie authentication
- You want to break up the monolith and modernize to ASP.NET Core and standardize how users authenticate
- Your goal is to release a fast and intuitive mobile app. For this you want to create an API and leverage Open ID connect for user authentication
- Your application is an e-commerce site.
 - It contains, the following capabilities:
 - A shopping cart
 - A basket
 - User Authentication
 - Invoices and orders
 - Marketing campaigns

Your Situation

- The current architecture looks like this



Business Goals

- Support a new mobile app
- Users for the mobile app to use standardized authentication and social media logins

Exercise

1. What would a microservices architecture look like?
2. How are you leveraging the principles of microservices?
<https://samnewman.io/talks/principles-of-microservices/>