

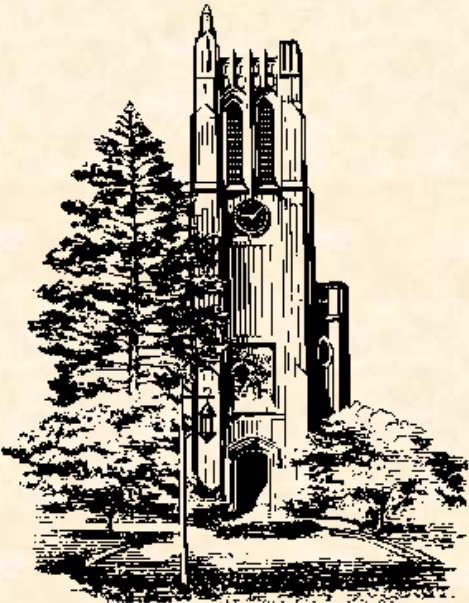
Technical Specification / Schedule Ford Mobile Web Portal

Team 5: Ford
CSE 498, Collaborative Design

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Project Overview

- Develop web services for auto enthusiasts
- Extend those web services for mobile devices (PDAs, cell phones and laptops)
- Provide portals for the web services targeted at specific mobile devices
- Create GUI's to integrate web services to database backend
- Research and write content for content based web services
- Extend selected web services to be modules as either MyYahoo or Google Gadgets



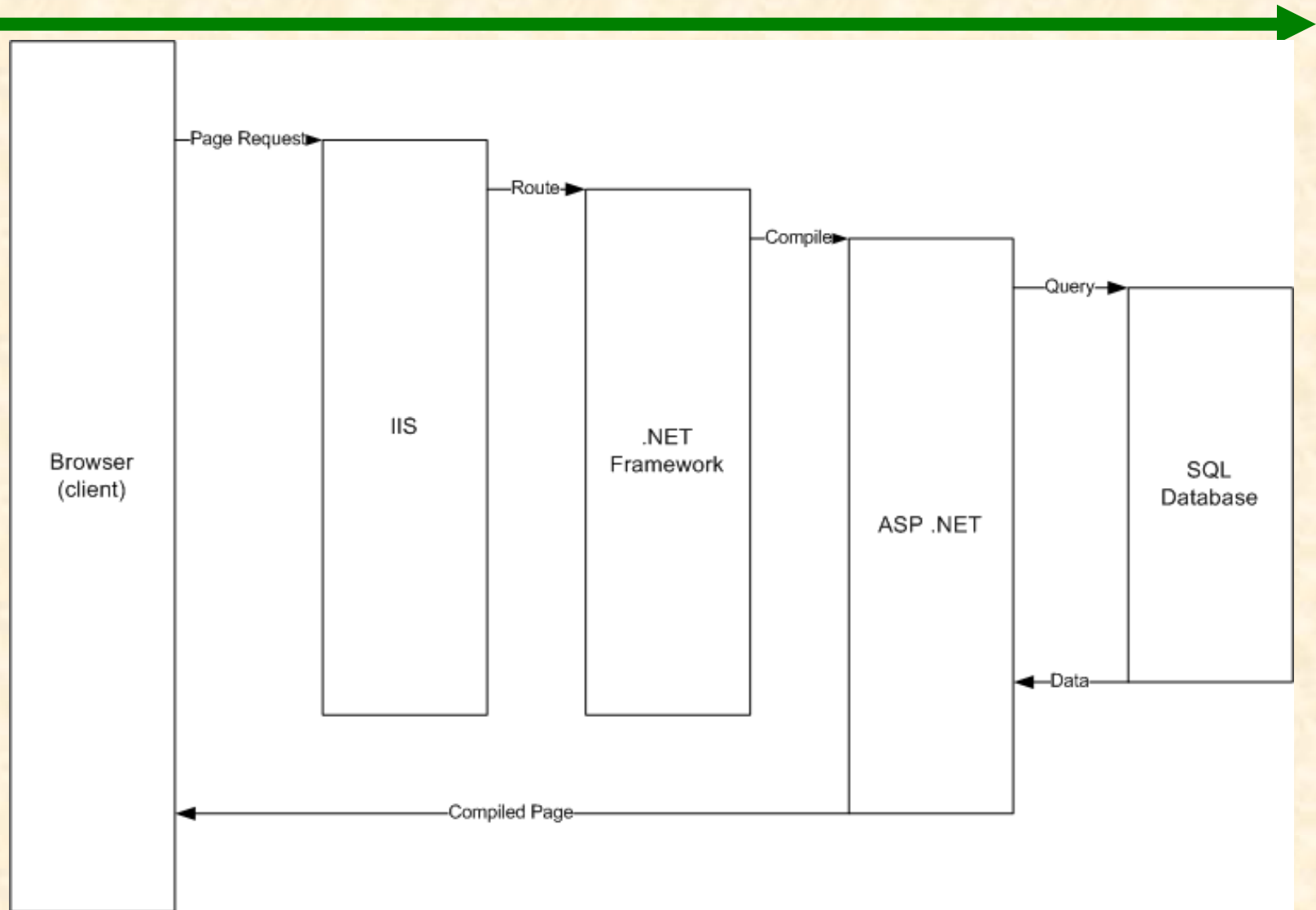
Architecture Components



- Hardware Platforms
 - Laptop
 - PDAs
 - Mobile Phones
 - Dell Server
- Software Platforms / Technologies
 - ASP.NET 2.0
 - Visual Studio 2005 with C#
 - SQL server
 - Windows Server 2003
 - IIS(Internet Information Services) 6.0



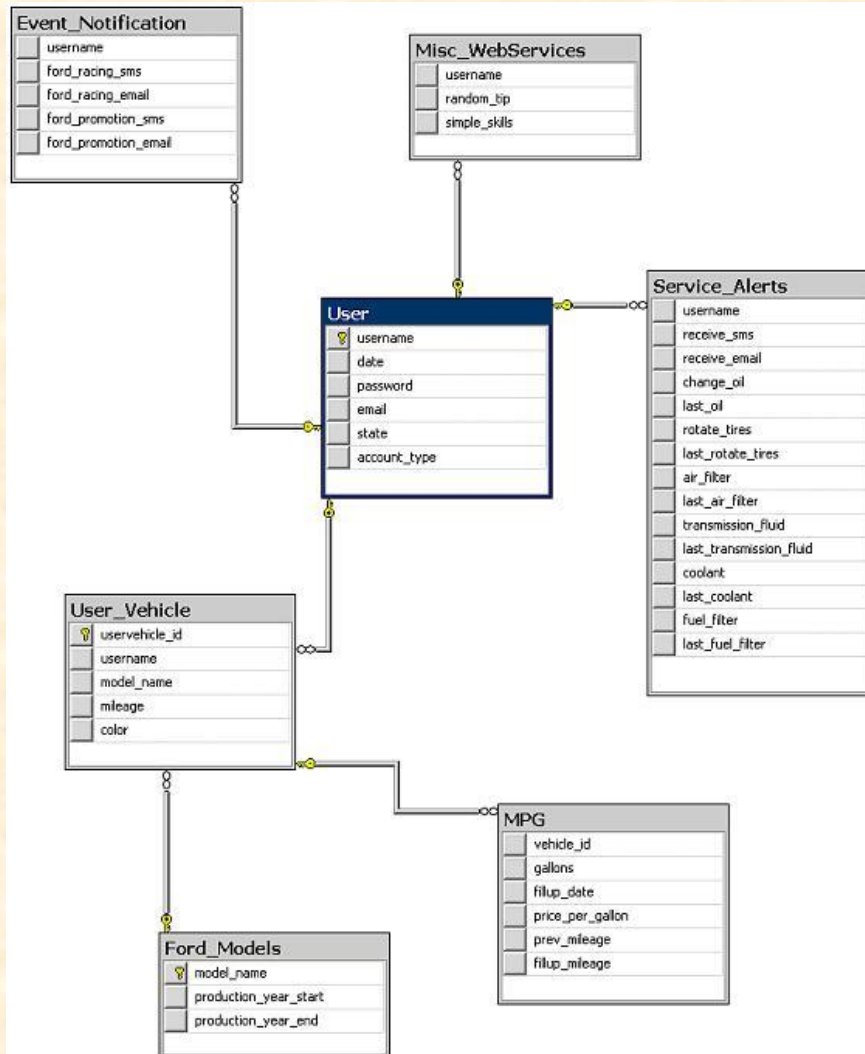
Architecture Illustrated



Team 5: Ford



Database Architecture





Architecture Risks

- Implement Web Services on Server
- Sending messages via SMS Text Messaging
- Stored Procedures
- Recognizing Mobile Devices
- Implement GPS to locate a mobile device



Project Schedule

1. Database

- a) Goal: Make database live
- b) Date: 2/2/07

2. Mobile Devices

- a) Goal: Write test layout that is up and running on a mobile device
- b) Date: 2/2/07

3. SMS

- a) Goal: Be able to send a SMS message to a cell phone
- b) Date: 2/2/07

4. Web Service

- a) Goal: Get a functioning web service running on the server
- b) Date: 2/2/07



Project Schedule

5. Ford Prototype

- a) Goal: Have a simple working prototype implemented with one web service working smoothly
- b) Date: 2/9/07

6. Stored Procedures

- a) Goal: Implement all stored procedures
- b) Date: 2/11/07

7. Device Recognition

- a) Goal: Move on from prototype and begin implementing final code for web services
- b) Date: 2/15/07

8. Class Prototype

- a) Goal: Expand on existing prototype by adding device recognition, stored procedures and another web service
- b) Date: 2/18/07



Project Schedule

9. Final Project

- a) Goal: Finish prototype research, begin final project code
- b) Date: 2/19/07

10. Finalize Layout

- a) Goal: Have portal designs finalized and running for all types of devices
- b) Date: 3/2/07

11. Web Services

- a) Goal: Have web services up and running on the server
- b) Date: 3/30/07

12. Testing

- a) Goal: Start testing product for bugs
- b) Date: 3/31/07