

### Abstract

The client, a Top 20 CPA firm on the Wall Street providing Fund Administration services to major Fund Management corporations, wanted to migrate their web enabled application, from Microsoft platform from Oracle. This was intended, considering the Total Cost of Ownership, and the IT strategy involved. KPIT Cummins successfully migrated the entire application

### Challenges

- Existing workflow and the user interface needs to remain the same.
- Bugs need to be fixed.
- New system had to be :
  - Flexible and
  - With shorter response time
- 85 pages, 40 components, 400 stored procedures and 35 tables to be migrated / redesigned

## Migration of web enabled application from Oracle platform to Microsoft platform

### Solution

The first step of the migration process involved taking samples of existing code and mapping them to their counterparts on the target platform. As a pilot, the team migrated few objects, fine-tuned the architecture and chalked 'migration guidelines' for each mapping. In addition, the objects that could be migrated were identified and redesigned.

An actual migration was done as per the migration guidelines. A block-by-block code review exercise was also performed with existing code and migrated code to ensure complete migration. To ensure the efficiency of the application, performance was measured on different scales of hardware and in multiple load scenarios.

### Value

- 'Period' end processing time was reduced by around 90%
- Tail closure processing time was reduced by 80%
- 400 users can access the new system concurrently
- Both user interface and workflow remained same for the ease of

**Methodology**

- Extreme Programming practice

**Tools & Technology mix**

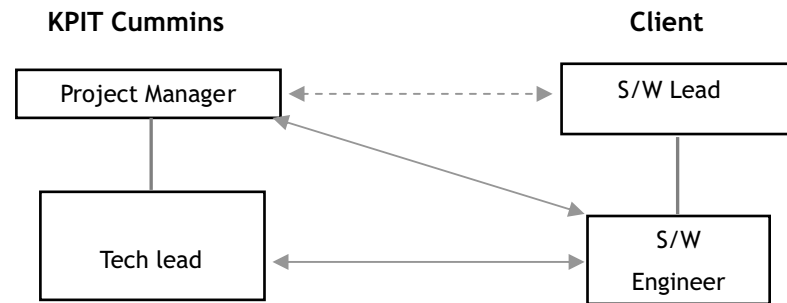
**Technologies**

- ASP.NET
- VB.NET
- SQL Server

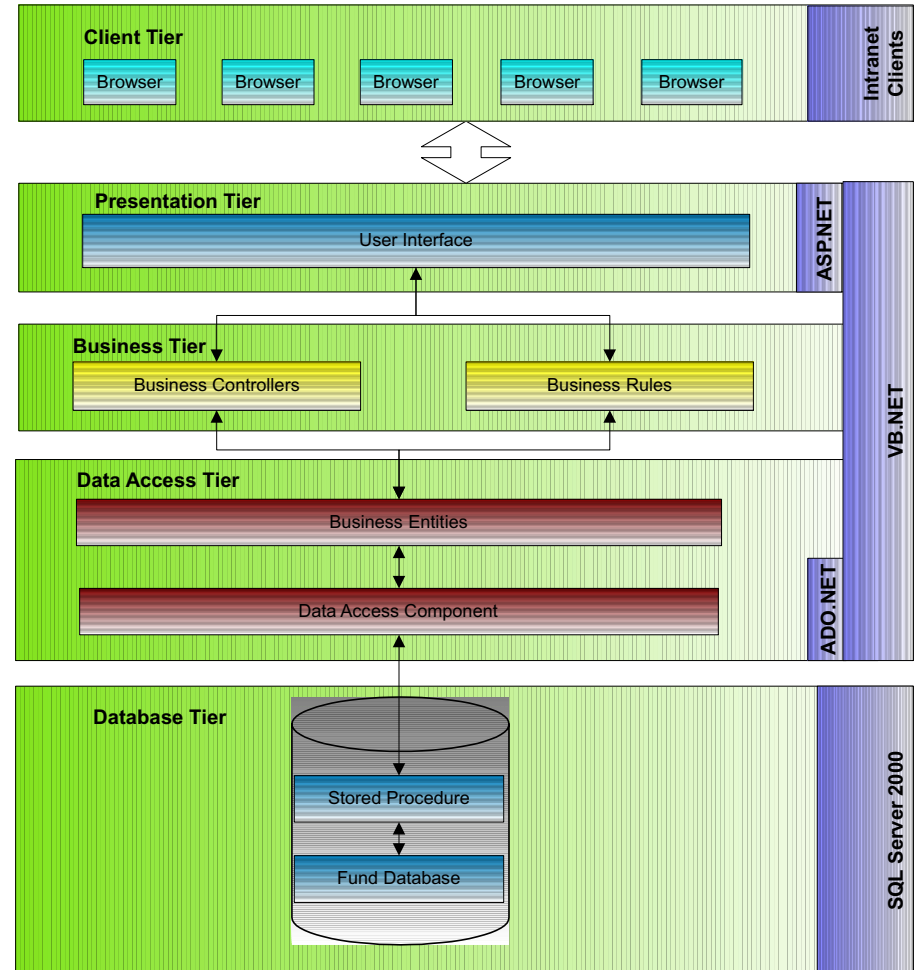
**Engagement Structure**

Engagement duration:

Size of the Project : 352 Calendar Years



**System Architecture**



**Contact**

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