Online National Election Voting System (ONEV)
iTeam4

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Problem Definition

- Lack of mobile voting system
- Lots of time spent on counting votes manually
- Candidates information transfer to public
- Extra use of papers -> Environmental degradation
Solutions So Far

- Kiosk internet voting
- Remote Internet voting
- Poll site Internet voting
Our Solution - ONEV

- Project Proposed by IBM Software Academy ’11
- Works together with the current voting system
  - Why? - YSK
- Works in two alternating modes
  - Normal Interactive + Elective modes
1. Normal Interactive Mode

- Works all times except during election day
- Main Functions:
  - voter registration
  - Candidate profile, Q&A, Promises,
  - View election results & statistics
2. Election Mode

- Works only during the election day
- Main Functions:
  - Casting votes
  - Importing paper votes into the system
  - Automatic compilation: votes, winners percentage etc.
System Architecture

Clients → WebSphere Application Server → Admin Server → Servlet Engine & JSP Compiler → JDBC → DB2 Express-C

XML/XSL Processor & Parser
User Interface

Çevrimiçi Aday Kayıt Formu

Kişisel Bilgiler:

TC Kimlik No: 12345678901
Adınız: huseyin
Soyadınız: ozkan
Doğum Tarihi: 
Baba Adı: adem
Anne Adı: havva

Adres Bilgisi:

İl: Ankara
İlçe: 
Belde: 
Mahalle: 
Adres: 

Bilgilerimi Gönder
User Interface

Büyükşehir Belediye Başkanlığına Oy Kullanyorsunuz

Partiler Listesi

- Parti 1
  - Parti 1 Amblem
- Parti 2
  - Parti 2 Amblem
- Parti 3
  - Parti 3 Amblem

Bağımsız Adaylar Listesi

- Aday 1
  - Aday 1 Amblem
- Aday 2
  - Aday 2 Amblem
- Aday 3
  - Aday 3 Amblem

Oyumu Kaydet ve Sonraki Aşamaya Geç

O Y Kullanmadan Sonraki Aşamaya Geç
What We Have Done So Far

- Detailed Research
- Attended Seminars on IBM Tools
- Designed:
  - Database
  - System Architecture
  - User Interface
References:

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Thanks For Listening
Questions?