THE BIG EVENT

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Executive Summary

- This project was designed to:
  - Create a new way for volunteers to register
  - Improve the communication process
  - Create an innovative way to pair agencies and volunteers

Introduction

- The BIG Event is:
  - A day of service
  - Universities around the country participate in this event
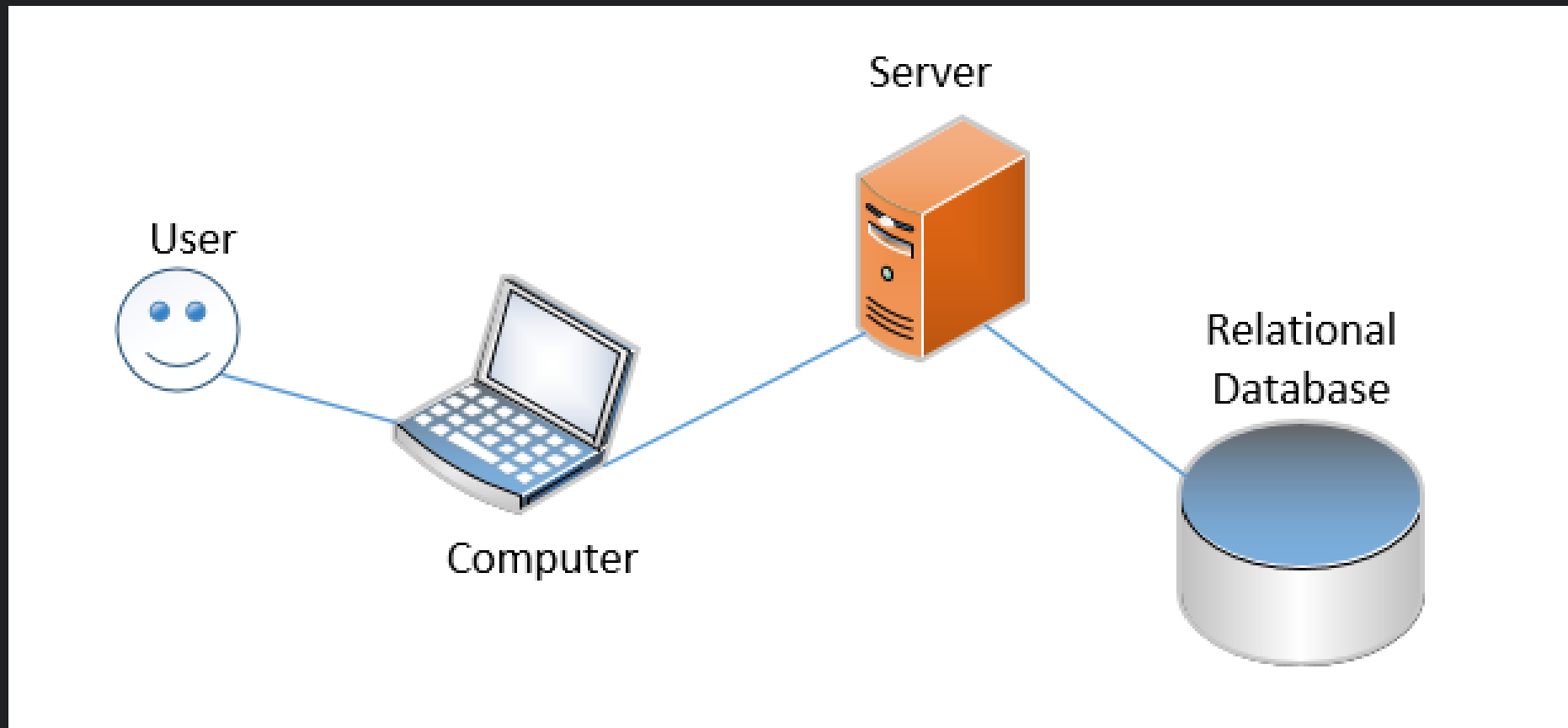- IPFW has participated since 2012

Problem Statement

- 3 time constraints
  - Current registration software
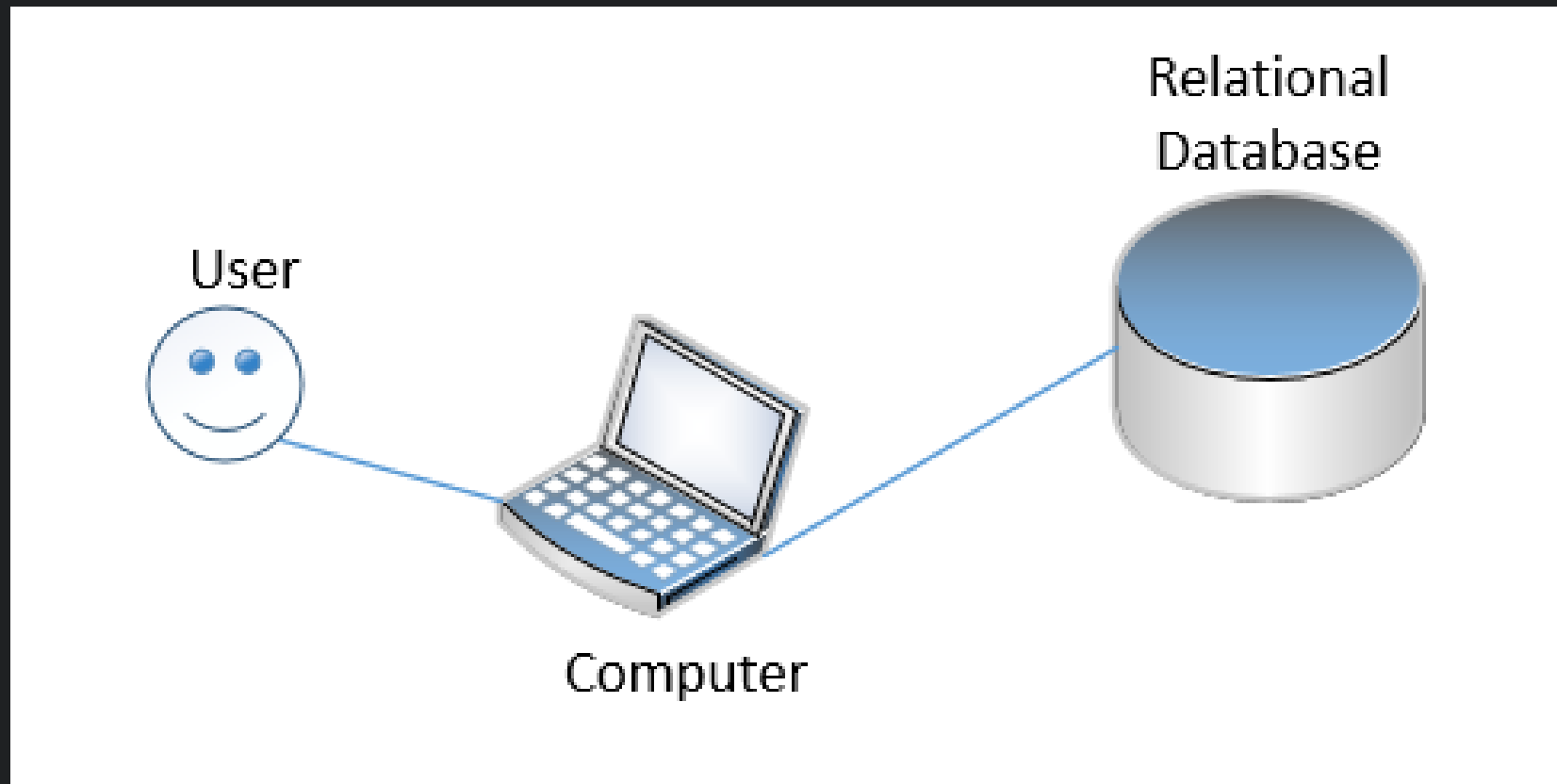 - Way agencies are paired
  - Communication process

Solution

- Web based application
- This application allows for:
  - Volunteers to register more easily
  - An effective communication process
  - Cut the time it takes to make pairings

System Infrastructure Diagram - Proposed

System Infrastructure Diagram - Current

System Interaction Diagram

User

Computer

The BIG Event
Registration App

Field 1

Field 2

Field 3

Field 4

Relational
Database

System Requirements - Software

- Microsoft Access
  - Microsoft Database Management System using the Jet Database Engine and a graphical user interface
  - Can link directly to or import data stored in other applications and databases
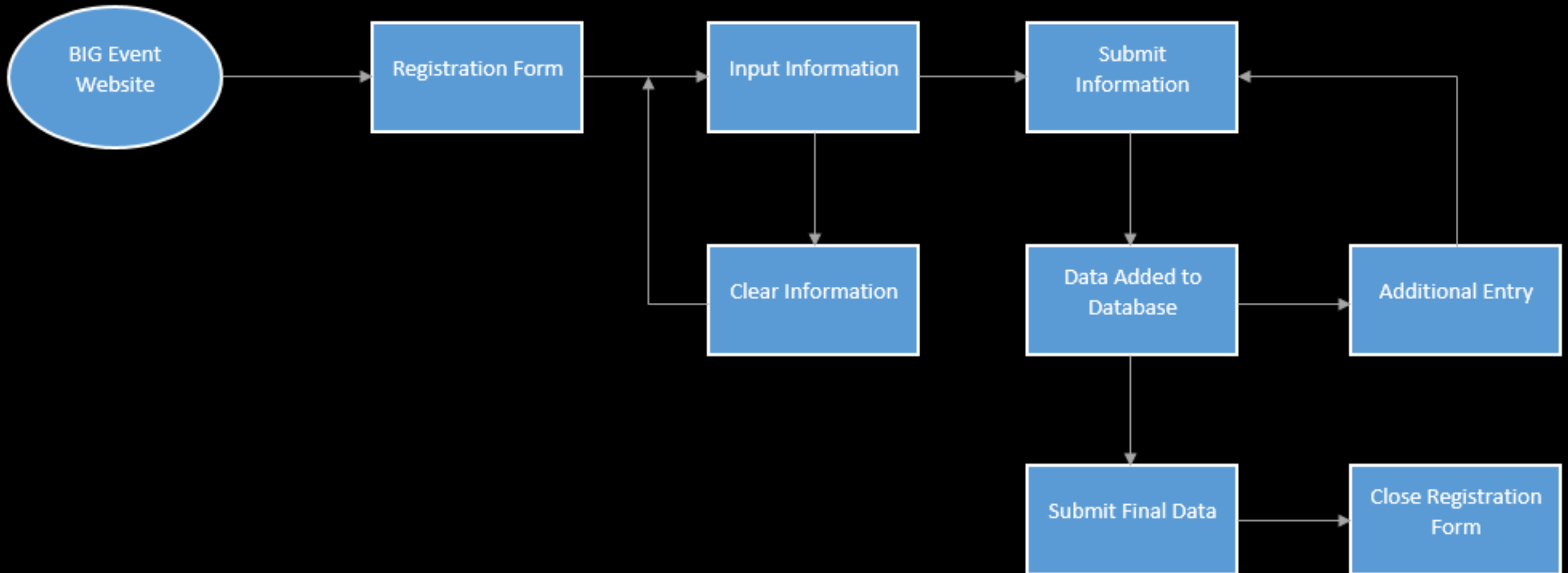
System Requirements - Hardware

System Testing and Validation

- Peer testing
  - We had past volunteers and group leaders test the database
  - Based on their feedback changes were made
  - All found this system much better than the current system

System Analysis

System Design

- Software Architecture

tbl_Agencies
- Agency
- Contact
- Phone Number
- E-mail
- Website
- Street
- City&Zip
- Category
- VolunteersNeeded
- Volunteers (Maximum)
- Provide Transporation?
- Provide Lunch?
- Volunteer Requirements
- Additional Information

tbl_IndividualVolunteers
- FirstName
- LastName
- Email
- Phone
- EmergencyContactName
- EmergencyContactNumber
- RegistrationNumber

tbl_GroupVolunteers
- GroupName
- Leader
- FirstName
- LastName
- Email
- Phone
- EmergencyContactName
- EmergencyContactNumber
- NumberofVolunteers
- RegistrationNumber

System Design

GUI

New entry information is sent to the database

DATABASE

The new information is then added to the database

Simulation

System Integration

- Database Application
  - web based after committee meeting

Schedule

	Start Date	End Date
Initiate Project	11/2/2015	11/2/2015
Define Scope	11/3/2015	11/3/2015
Define Requirements	11/3/2015	11/3/2015
Define Project Team	9/29/2015	9/29/2015
Create Project Plan	11/4/2015	11/7/2015
Develop Work Plan	11/4/2015	11/7/2015
Develop WBS	11/4/2015	11/7/2015
Create Schedule	11/4/2015	11/4/2015
Create Budget	11/4/2015	11/4/2015
Define Communication Process	9/29/2015	9/29/2015
Finalize Project Plan	11/8/2015	11/8/2015
Begin Designing the Database	11/9/2015	11/22/2015
Make Changes	11/24/2015	11/29/2015
Test Changes	11/30/2015	12/2/2015
Finalize Work	12/3/2015	12/8/2015
Present Project	12/15/2015	12/15/2015

Conclusion

- Addresses and enhances the time constraint items
- Provides an
  - efficient and more effective way to register
  - innovative way to pair agencies with volunteers
  - Effective communication process