So what is A Woman's Place?
**MISSION STATEMENT**

A Woman’s Place of Merced County is dedicated to eliminating domestic violence and sexual assault. In support of this mission, we provide comprehensive and innovative services that positively impact individuals, families, and our communities. With a focus on effecting systemic change, we pride ourselves on delivering client-oriented services through collaborative efforts in a culturally-sensitive, non-discriminatory manner.

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**ULTIMATE GOAL**

Help AWP become more efficient with the resources given, or to introduce new resources, all while minimizing cost.
CLIENT’S NEEDS

- Central Database for files and forms
- Functional Network
  - Networked Printing
- Efficient Scheduling
- Expand outreach
- Save money!

SEMESTER PROJECT

- Continue updating website
  - Add new content
  - Add new features:
    - Calendar
    - Donations
    - Escape Script
    - Translation
SEMESTER PROJECT

- Implement and integrate server into AWP
  - Setup and secure server
  - Select and implement operating systems
  - Implement web server
  - Networking

TEAM ORGANIZATION
Where did we start?
**PROJECT ORGANIZATION**

**WHAT IS PLONE?**

- An open-source content-manager
- Built off of Zope Application Server
- Compatible on many operating systems
- Has support for basic and advance needs
UPDATING THE WEBSITE

- Add new content
- Add new features:
  - Calendar
  - Donations
  - Escape - Script
  - Translation

OLD CLIENT WEBSITE
A Woman's Place

About Us

A Woman's Place of McHenry County is a shelter and educational resource center for victims of domestic violence. We are a non-profit, non-denominational organization dedicated to helping women, children, and adults who have left or are in abusive relationships.

We offer emergency shelter, counseling, legal assistance, and educational programs.

A Message from Our Executive Director

Throughout this semester, we have had the opportunity to work closely with various organizations to raise awareness and provide support for victims of domestic violence. We are committed to empowering women and children to break free from abuse.

With this semester’s progress...
**The Escape Script**

- Javascript Applet
- Exploits the ‘back’ button
  - Redirects to previous page (excluding AWP)
- Useful for survivors

**Server Team Goals**

- Setup Xen and Operating Systems
- Configure Individual Services
  - Plone/Zope
  - Active Directory
  - File Shares
- Support Services
  - Networking
  - Mapping
  - Security
**Reasoning Behind Services**

- Active Directory
  - Integrates with client's computer systems
  - Access controls
  - Other known options were limited or experimental

**Choice of Operating System**

- Windows 2003
  - Active Directory
  - Easier to integrate with client's current system
  - Easier to Set Up
- Linux
  - Free
  - Easier to secure
  - More customizable
Xen

- Why a Virtualized System?
  - Security
  - Independence between services (Modular)
  - Easier to Backup
  - Allowed for Experimental Systems

Roadblocks

- Difficulty Setting Up Xen
  - MAC Address Issue
  - 2 weeks lost
  - Changed Xen to operate in routed mode

- Plone
  - Version Incompatibilities when importing prototype
  - Tried a few quick fixes
  - Installed the same version
NETWORKING AND MAPPING

- Network
  - Client network is not well documented
  - Wiring scheme had exceptions
- Mapping
  - Used to locate cable endpoints

CHALLENGES

- Changes in AWP Organization and Leadership
- Reduction in workforce
- Reduction and movement of facilities
- Closing of AWP
OPPORTUNITIES

- Analyze overall information technology needs
- Eliminate old, outdated computers (e-waste day)
- Improve existing computers by upgrading operating systems to one platform
- Reconfigure network

SUMMARY

- **Server Team:**
  - Configured server security
  - Researched suitable operating systems (Xen)
    - Windows
    - Linux
  - Implemented Plone web-server
  - Fixed networking

- **Web Team:**
  - Imported portal to server
  - Implemented 4 new features:
    - Calendar
    - Donation
    - Escape Script
    - Translation

- **Content Team:**
  - Gathered new and updated content for website
**FUTURE PLANS**

- Work with new agency
- Leverage all the team research and lessons
  - planning for new organization
- Continue to provide tech support for new organization

**THANK YOU**

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