

Operational Concept Description (OCD)

Revamping Proyecto Pastoral

[Fall 2008]



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OCD document provides in detail the system transformation and the shared vision of the project. It includes all the information regarding the critical stakeholders, benefits, system capability and goals of the project.

SE 577a Team 03

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VERSION HISTORY

Date	Author	Version	Changes Made	Rationale
09/19/2008	Nidhi	0.1	Created a summary of the document and included section 1,1.1,1.2	Initial Draft was created from ICM OCD Template
09/20/2008	Nidhi ,Simi	0.2	Added section 3, content for system transformation was added	As in the required the capability goals , realtions to the current systems and ERD were included
09/21/2008	Nidhi,Debashree	0.3	Section 2 was populated	Section 2 provided the shared vision of stakeholder which had sub-sections such as benefits, capability description and stakeholders
09/21/2008	Nidhi	1.0	Revised entire OCD document	Section 2.4 was updated

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Section 1: Introduction

1.1 Purpose of OCD

Basically this document is the VC Package description of the operational concept. It provides in detail the system transformation and the shared vision of the project which is revamping projecto pastoral. This document gives details about the success critical stakeholders who in our project are USC CSCI 577a Team # 3 with Michelle , Fatima who are the project owners and as well as Prof. A Winsor Brown and Dr. Barry Boehm (COCOMO and model experts) who are all associated with the USC CSSE.

2.2 Status of OCD

The status of the OCD is currently at the version 2.0 which is the early version of the OCD which will present to client and the development team. This is basically the version which includes all the information regarding the critical stakeholders, benefits, system capability and goals of the project. There are not many changes in the initial version since we started.

Section 2 : Shared Vision

2.1 Success Critical Stakeholders

Table 1: Success Critical Stakeholders

Stakeholder	Authorized Representative	Organization	Relations to Benefit Chain
Client	Fatima ,Michelle	Proyecto Pastoral	Beneficiary of the new developed website and faster donation system
User	Volunteer , Donor	populace	Recipient of the new revisited website which will have new forms and donation system
Development Team	Nidhi Kurani Simi Singh Apoorv vij Aviral Sharma Archana vinze Debashree Patra	USC	Responsible for re-designing and developing the website with new features and donation system
IIV&V	Shahid Shohaib	USC	One of the development team members responsible for reviewing and verifying the artifacts produced by others to maintain the quality

2.2 System Capability Description

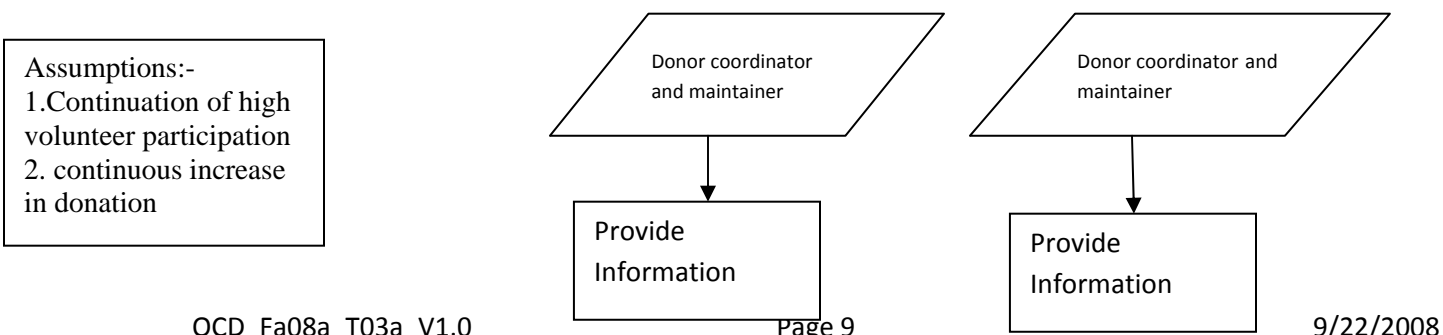
The Revamping of the proyecto pastoral is basically related to an organization which non-profit organization working in the economically and politically disenfranchised community of Boyle Heights located in East Los Angeles. The website basically will provide details about the five programs that are being run by the organization; it will also encourage the donors and volunteer to participate in one of the programs for the organization. In addition to these we will also have a different payment gateway method other than PayPal which they are currently using.

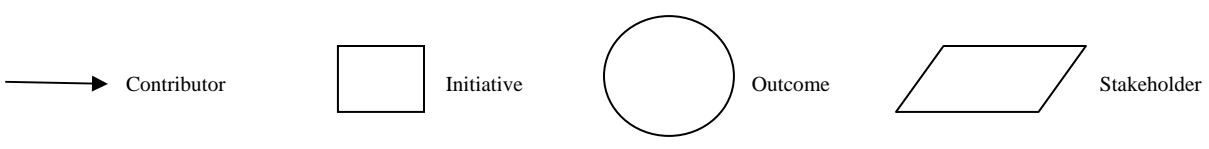
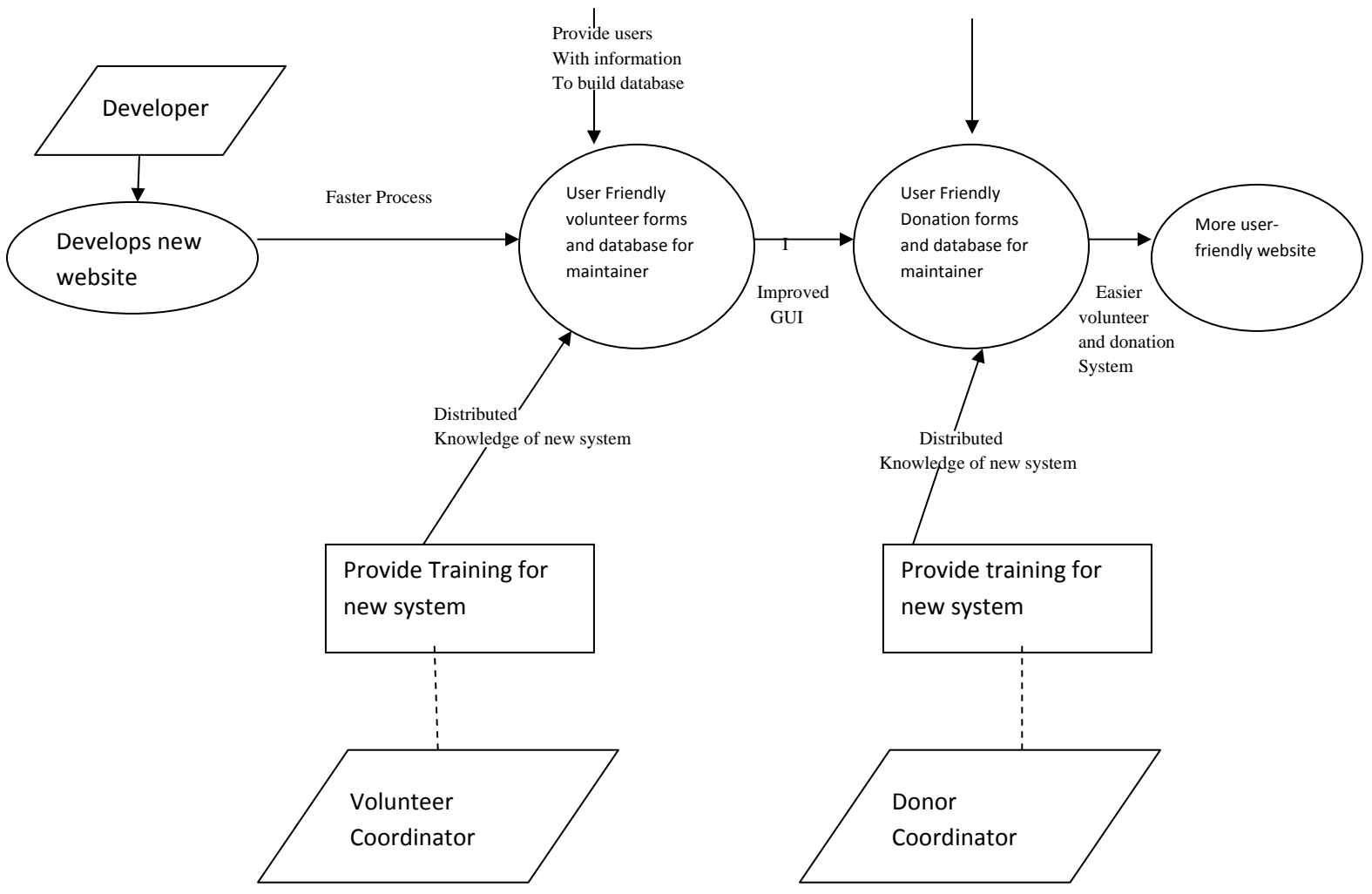
Our proposed website differs will differ from our competitors as it will have a user friendly GUI for the populace so that they can easily navigate through the website and also go through the donation and volunteer system with an ease. It will be faster, cheaper and customized according to clients need.

2.3 Expected Benefits

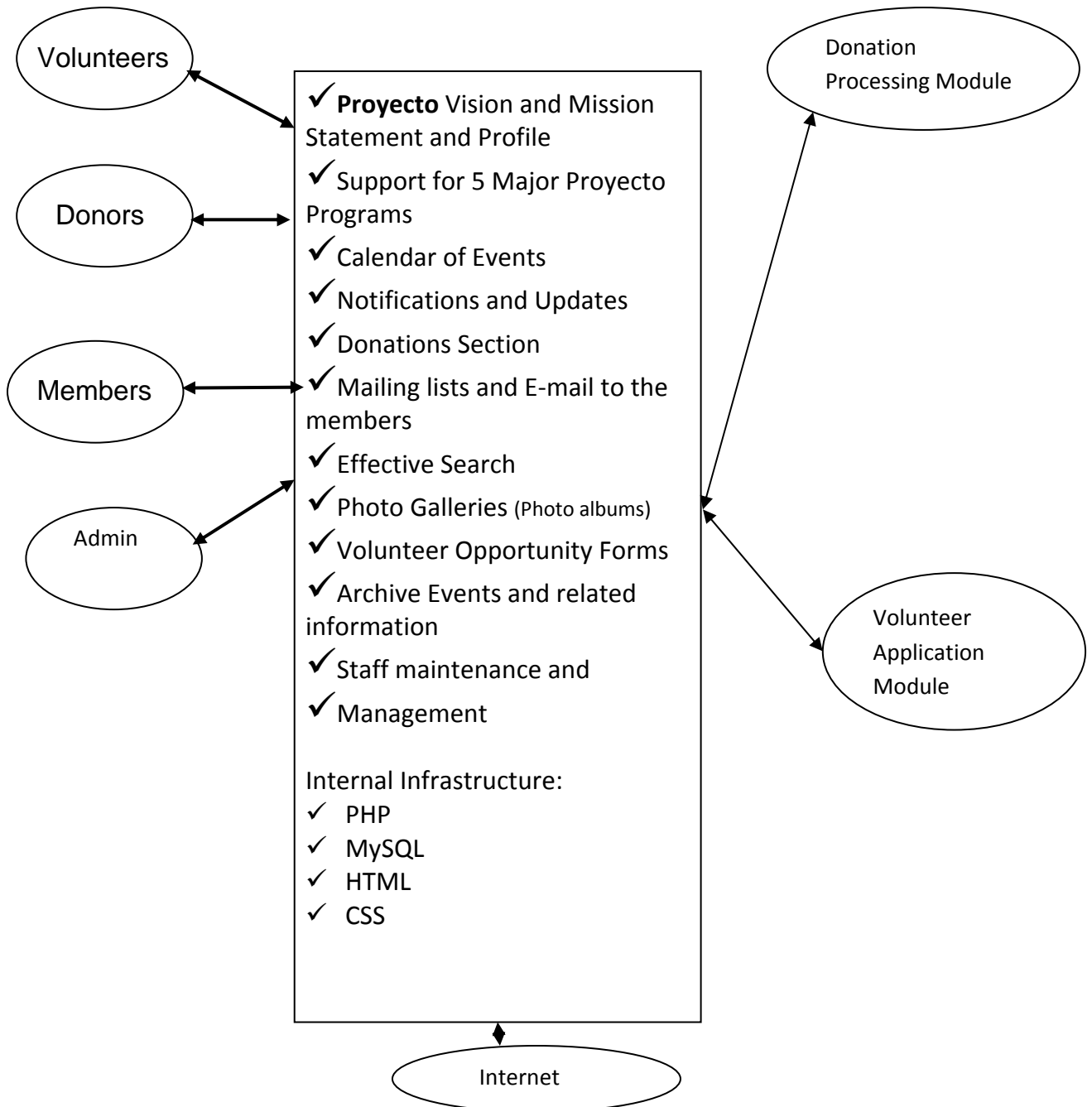
- The Website will have a hassle free system for donation and volunteering of the users
- Regular flyers and invitations for the upcoming event would be sent to the members for encouragement of the active participation
- The one click volunteering system will increase the volunteers for the organization
- The calendar system on the website will keep the users updated about the upcoming system and also the client and the maintainer could keep track of the events

2.4 Benefits Chain





2.4 System Boundary and environment



3.0 System Transformation

3.1 Capability Goals

OC-1 Organization Website: The proposed website for the organization will basically have all the details of the five programs run by the organization. It will have a user friendly GUI for the populace as it will be for general public. The navigation would be very easy which would encourage user to donation.

OC-2 Online Volunteer Application: The application process is for the volunteers who want to take part in one of the programs being run by the organization. This application will have a form which will take all the details of the user and also which program he wants to volunteer for. After the submission of the form the form will be sent to the head of the program he volunteered for.

OC-3 Online Donation Application: This application is for the Donors who want to donate for the organization in various forms such as through mail, Fax or phone. It will have an application form which will contain all the information of the user who wants to donate plus a credit card detail page with all the details for donation.

OC-4 Donor Profiles: The website will also include all the details about donors who contributed for the success of the organization through various ways.

OC-5 Volunteer Profile: It will also contain the stories of volunteers who have been a constant support for the organization in all the programs. They will encourage people to contribute and participate in the organization.

OC-6 Success Stories: Through this feature we will highlight the stories of all the needy people who have been helped and motivated by this organization.

OC-7 Mailing List: All the people who want to be an active member of the organization will sign up for a form which will have all the details such as email ID so that the organization committee can keep interested people updated with all the events.

OC-8 Event Calendar: This feature will be uploaded on the site so that regular visitors of the site could keep the track of the events that are about to take place or have already take place.

3.2 Relation to the current System

Capabilities	Current System	New System
Roles and responsibilities	<ul style="list-style-type: none"> • Pretty Old website with old information • No maintainer • Outdated forms • PayPal System 	<ul style="list-style-type: none"> • New Website with attractive color scheme and new information • New updated forms for Users • TBD payment system for the donors • Easy tools used for the maintainers who are from non-IT background
User Interaction	<ul style="list-style-type: none"> • Less User Friendly • Complicated Payment System 	<ul style="list-style-type: none"> • Interactive website with easy navigation • One click donation facility • Easy method for donation
Infrastructure	<ul style="list-style-type: none"> • Windows Based Database 	<ul style="list-style-type: none"> • Web Based Database
Stakeholders Essentials and Amenities		<ul style="list-style-type: none"> • Email Notification for Updated Events • Improved Updated forms for Volunteers and Donors • Improved Payment method for

donors

- Accessible database and front end for the maintainer

Future Capabilities

- Including videos of the upcoming events on the website
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3.3 Proposed New Operational Concept

Entity Relationship Diagram

Business Workflow Diagram

