

Operational Concept Description (OCD)

Amer I Can Re-Up

Team No. 9

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Version History

Date	Author	Version	Changes made	Rationale
09/28/11	AS	1.0	<ul style="list-style-type: none"> Edited the Template – OCD for NDI/NCS 	<ul style="list-style-type: none"> Initial document
10/07/11	AS,PB	2.0	<ul style="list-style-type: none"> Modified section 2.2 Modified section 2.3 Modified Section 2.4 Modified section 2.5 Section 3.1 Added section 3.2,3.3 and 3.4 	<ul style="list-style-type: none"> Section 2.2 modified to include more capabilities according to Winbook Changed according to Benefits listed in Winbook new benefits chain diagram Corrected system boundary diagram Current system does not exist Included the new systems objectives, constraints, goals and the business workflow and element relationship diagrams
10/14/11	AS,PB	3.0	<ul style="list-style-type: none"> Edited section 3.2 Edited section 2.4 Edited section 3.3.1 Edited section 3.3.2 	<ul style="list-style-type: none"> Fixed bug and removed certain capabilities Improved Benefits Chain Improved Element relationship Added Business Workflow Diagrams
10/20/11	AS,PB	3.1	<ul style="list-style-type: none"> Edited section 3.2 Edited section 2.4 Edited section 3.3.1 Edited section 3.3.2 	<ul style="list-style-type: none"> Changed certain capabilities Improved Benefits Chain Improved Element relationship Modified and added Business Workflow Diagrams
10/24/11	AS,PB	3.2	<ul style="list-style-type: none"> Edited section 2.4 Edited section 3.3.2 	<ul style="list-style-type: none"> Improved Benefits Chain Modified Business workflows
11/21/11	AS	3.3	<ul style="list-style-type: none"> Edited section 2.4 Edited section 3.3.1 Edited section 3.3.2 	<ul style="list-style-type: none"> Improved Benefits Chain Improved Element relationship Modified Business Workflow Diagrams
11/28/11	AS	3.4	<ul style="list-style-type: none"> Edited section 3.2 	<ul style="list-style-type: none"> Added Capabilities

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1. Introduction

1.1 Purpose of the OCD

This document provides, in detail, the shared visions and goals of the stakeholders of the Amer I Can Re-Up website. The success-critical stakeholders of the project are Voltaire Davis and Will Wesley as the project owners, the prospective users and the future sponsors of the website.

1.2 Status of the OCD

The status of the OCD is currently version 3.3 in the valuation phase. The scope of the login page and the profile page of the Amer I Can Re-Up project has been decided after the second Win-Win negotiation. Two capabilities have been added: Goals and Sacrifices. The benefits chain diagram has been modified. The element relationship diagram has been corrected. The business Workflow diagram has also been modified.

2. Shared Vision

2.1 Success-Critical Stakeholders

Table 1: Success-Critical Stakeholders

Stakeholder	Authorized Representatives	Organization	Relation to Benefits Chain
Client	Voltaire Davis Will Wesley	Amer I can Re-Up	<ul style="list-style-type: none"> - Provide concept for the website - Promote the website - Test site using Focus groups
Developer	Team #9	USC CSCI577a	<ul style="list-style-type: none"> - Implement code to develop the social reality website
End User ¹	N/A	N/A	<ul style="list-style-type: none"> - They are the ones who use the website for social accountability and hence make it popular
Sponsor	Don't know yet*	Don't know yet*	<ul style="list-style-type: none"> - Will contribute to the generation of profits by advertising on the site

* To be determined by the customer AFTER the project has been delivered.

1 For the end user, Authorized representative and organization is N/A since the website is for public use.

2.2 System Capability Description

This is a **social reality** website. Any web user can be the end user of the system. The system will provide the users with functionalities like

- A “ttBox” to add daily tasks and long term goals.
- Building your Squad (a group of friends- maximum size 25)
- People in your squad can grade you and hold you accountable(on the basis of the tasks done by you)
- Ability to search for other users
- Personal legend- a video-blog entry about oneself
- Statistics related to task completion (my G, Will Power, honor code, Task Totals)
- Status bar : with the option to select a motto or put up one's own motto
- Theme song : uploaded by user (plays when all tasks in “ttBox” are complete)

- A report card with quarterly reports of statistics.(can be made public or private by user)
- Re- Ups- to provide helpful resources to your network (job postings, scholarships, internships etc)

Main competitors : Task management websites like www.taskfreak.com and www.hitask.com . Facebook, Google+ and any other successful social networking site.

Our website offers an edge over other competitors: Our website promotes productivity. Apart from just social networking or just task management, the system will hold the user accountable and will also provide the capability for other people to hold the user accountable for the tasks that the user has said that he/she will do. It also promotes civic engagement.

2.3 Expected Benefits

- The system helps the users be more efficient, increase their productivity and help them meet their goals / dreams.
- By focusing on increasing the end-user's productivity rather than being just another tool for communication, the system will have an edge over other social networking websites.
- Accountability (by system as well as user's network)
- By hosting paid advertising from various sponsors on the website, the client will be able to monetize the system
- The site becomes a Global Brand.
- Social Reality emerges as a new Arena.
- A new culture emerges and social reality becomes an integral part of peoples' life.

2.4 Benefits Chain

Assumptions:

1. The concept of the site will be appealing to people.
2. The site will act as a tool to promote productivity amongst its users.
3. User-base increases with time which leads to increased revenue and investors' interest in the website



*new developers who will work for the client after csci 577ab to add the evolutionary requirements.

2.5 System Boundary and Environment

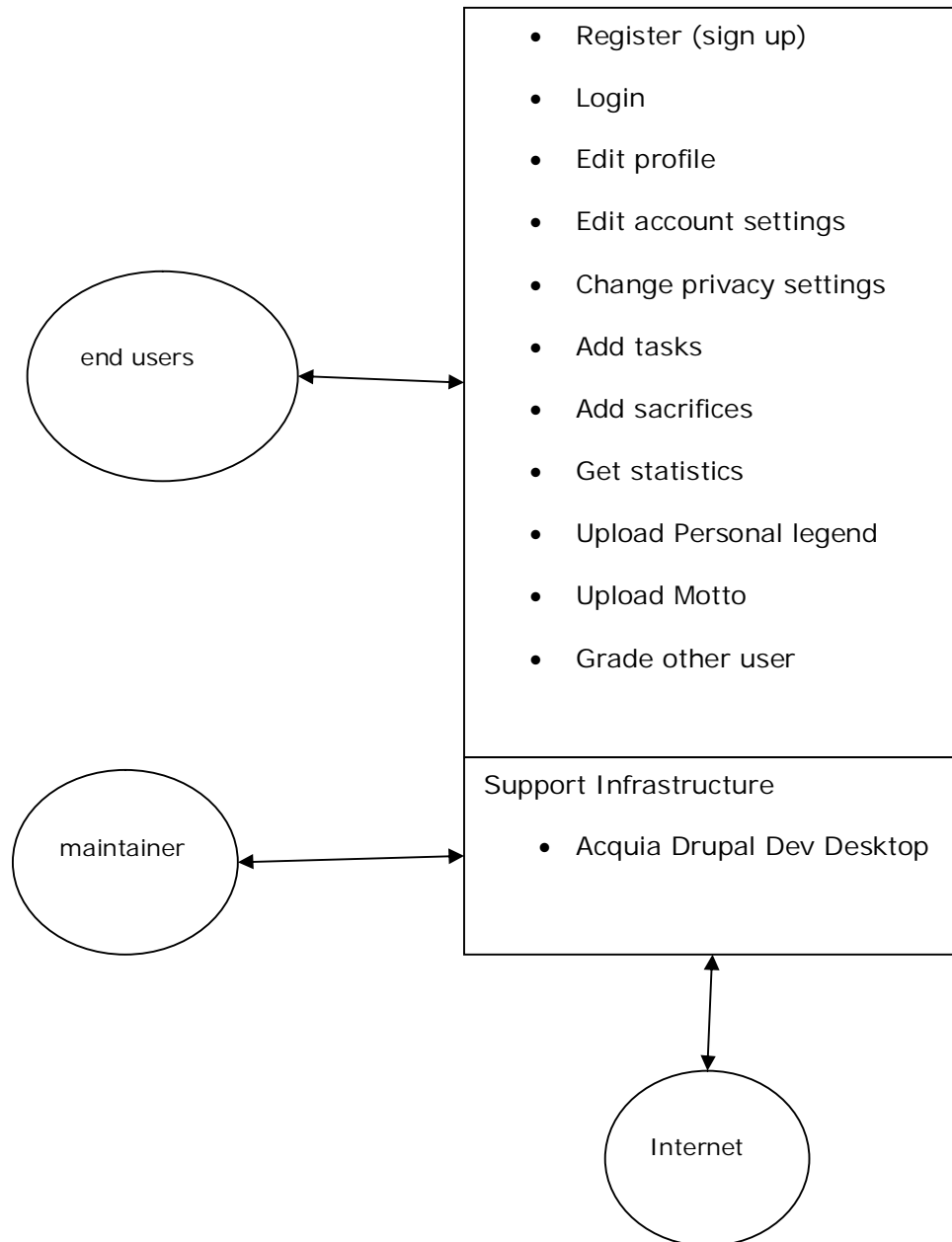


Figure 2: System Boundary and Environment Diagram of Amer I Can Re-Up

3. System Transformation

3.1 Information on Current System

3.1.1 Infrastructure

The clients do not currently have an existing system. The website being developed currently only exists as an idea the client has and a series of power-point slides expounding on that idea.

3.1.2 Artifacts

The clients do not currently have an existing system. The website being developed currently only exists as an idea the client has and a series of power-point slides expounding on that idea.

3.1.3 Current Business Workflow

The clients do not currently have an existing system. The website being developed currently only exists as an idea the client has and a series of power-point slides expounding on that idea.

3.2 System Objectives, Constraints and Priorities

3.2.1 Capability Goals

Capability Goals	Priority Level
OC-1 : Login Page	Must have
OC-2 : Settings Page	Must have
OC-3 : Profile Page: Home for the user	Must have
OC-4 : ttBox – provides users the capability to input tasks	Must have
OC-5 : Personal Legend –users can upload a video about themselves	Must have
OC-6 : Statistics : My G, My Will, Honor Code, Task Totals	Must have
OC-7 : Status Message Bar : Motto or Free Speech	Must have
OC-8:Users can perform a simple query based search for other users	Must have
OC-9: Users have the ability to build their “squad” (25 people at max)	Must have
OC- 10 : A person’s squad can view his/her tasks and grade them.	Must have
OC-11: For Beta Version keep Squad and a public profile only	Must have
OC-12: Goals: 1 Major and 3 Minor Goals	Must have
OC-13:Status : option to post to the squad or keep public	Should have

OC-14: Sacrifices: Max 5 general sacrifices	Should have
OC-15 : Re-Up: option to post to the squad or keep public	Should have
OC-16: Report card with a summary of grades. If report card is implemented, the it must have quarterly grades.	Should have
OC-17: The report card has the capability of being public or private	Could have
OC-18 : Theme song plays when all tasks in ttBox are complete	Would like to have
OC-19 : Music uploads for theme song	Would like to have
OC-20 : A tutorial video on the website	Would like to have

3.2.2 Level of Service Goals

Table 2: Level of Service Goals

Level of Service	Priority
The system should be able to support 25000 users	Should Have (for Beta Version)

Note: As of now, this is the only level of service goal that the client has provided us with. The client said that he would add more goals to this list as and when the site evolves.

3.2.3 Organizational Goals

The goals of the clients are:

OG-1: Own a system that helps the users be more efficient, increase their productivity and help them meet their goals / dreams.

OG-2: Generate profits via advertisements on the website

OG-3: Gain popularity and become a global brand.

OG-4: Social Reality becomes a new Arena.

3.2.4 Constraints

CO-1: The ability to run on a variety of browsers (i.e. Firefox 5+, IE7+, Chrome, Safari, etc)

CO-2: Extensibility to be a Mobile Application: The backend of the new system should be such that it can be extended later to be a mobile application later.

CO-3: Budget: \$5000 for beta version.

3.2.5 Relation to Current System

The clients do not currently have an existing system. The website being developed currently only exists as an idea the client has and a series of power-point slides expounding on that idea.

3.3 Proposed New Operational Concept

3.3.1 Element Relationship Diagram

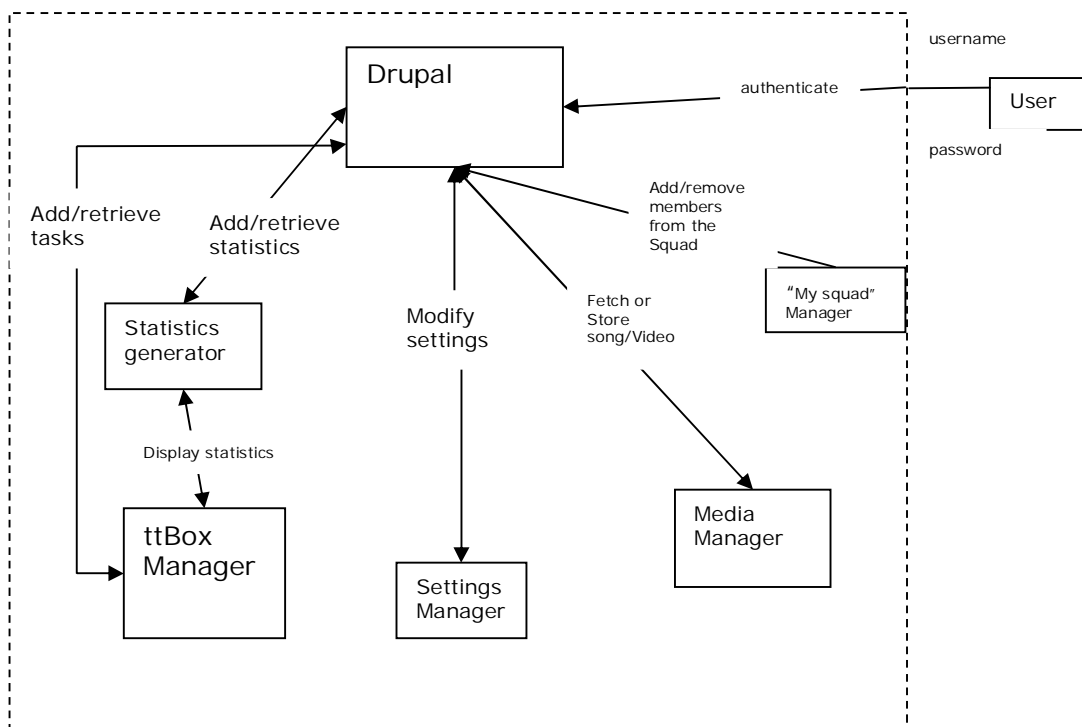


Figure 3: Element Relationship Diagram of Amer I Can Re-up website

Note: All the things mentioned in boxes inside the dashed box will contribute to the system as different modules.

3.3.2 Business Workflow(s)

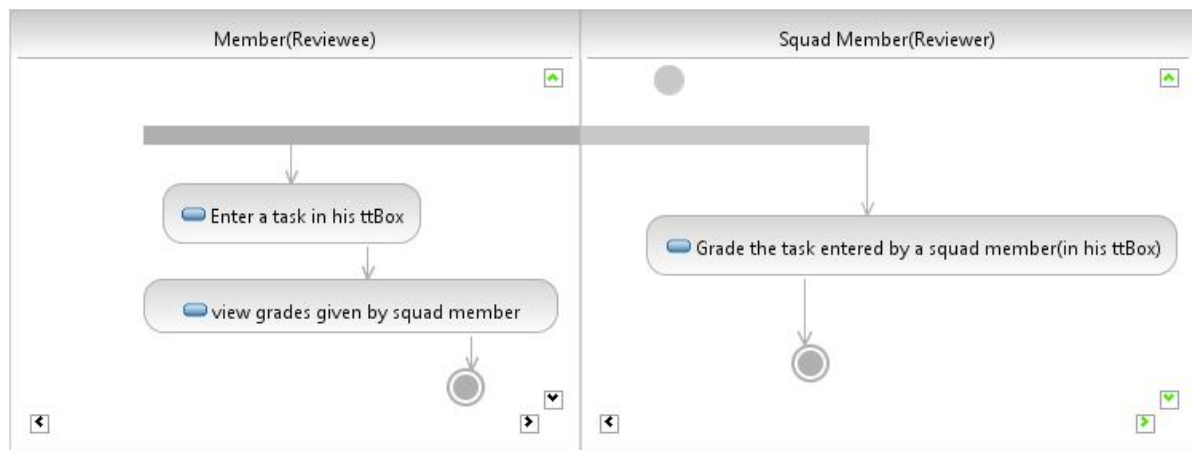


Figure 5: Business Activity Diagram for Grading a Squad Member

3.4 Organizational and Operational Implications

3.4.1 Organizational Transformations

Because there is no current system implemented, there will be no organizational transformations. The client will, however, need to:

- Hire a system maintainer (and probably other IT staff to provide support for the website)
- Obtaining the use of a data-center to host the website.

3.4.2 Operational Transformations

There is no existing system hence there are no existing workflows thus no transformations of workflows will take place due to the implementation of this system.