Life Cycle Plan (LCP)

Web Media Modernization 2012

Team 7

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Version History

Date	Author	Version	Changes made	Rationale
10/03/12	AS	1.0	Original template for use with CSC project	Initial draft for use with CSC project
10/10/12	AS	1.1	Corrections to section **3.3** Addition to section **1.1 – 1.3**	Corrections and additions to Skills section Additions to section 1
10/21/12	AS	1.2	Changes to section **1.2** Additions to sections **3, 4 & 5**	
10/31/12	AS	1.3	Changes to section **2.1, 3.3 & 6.1**	Removed rebaselined phase Changed dates in section 2.1 Updated skills in section 3.3 Added iteration information to section 6.1
11/26/12	AS	1.4	Added COTIPMO figure Corrected milestones Updated dates, responsibilities, reviews, and tools Changes to section **6.1-6.3**	
12/10/12	AS	1.5	Added COTIPMO figure	
12/13/12	AS	1.6	Updated Tools table Corrected company names Added Google+ button	
12/17/12	AS	1.7	Added WinBook to tools table	

Table of Contents

Table of Tables

Table of Figures

1. Introduction

1.1 Purpose of the LCP

This document will provide future developers and support teams with the initial documentation for the CSC Website Modernization project.

1.2 Status of the LCP

The status of the LCP is currently at version 1.6, and has undergone several updates to the report. The major update for 1.6 was adding the latest COTIPMO figure.

- Updated Google+ button information
- Corrected provider names for tools and features

1.3 Assumptions

- The duration of the project is 12 weeks during the fall of 2012.
- All of the team members have experience with web development
- Concrete5 will be easily picked up by the team members
- CSCLA will have a website management team assembled to take care of future maintenance
- Social media and website updates will be synchronized
- Events listed on Google Calendar will be kept up to date to ensure an accurate schedule for CSCLA clients

2. Milestones and Products

2.1 Overall Strategy

The Web Media Modernization team is constructing the project using several different NDI and NCSs. Since there are multiple NDI and NCSs being utilized the ICSM process that is being adopted is the NDI-Intensive Process pattern. The key point for this reasoning is because over 30% of the end-user functionality will be built using NDIs.

Exploration Phase
- Duration: 09/12/12 – 10/03/12
- Concept: The team will explore the current system and assess the needed changes. The team will also work to design operational and feasibility concepts. Initially planning and managing a plan for the project will begin.
- Deliverable: Client Interaction Report, VC Package, Project Plan, Progress Report
- Milestone: Valuation Commitment Review
- Strategy: One Incremental Cycle

Valuation Phase
- Duration: 10/03/12 - 10/15/12
- Concept: Operational concepts will be further developed and potential alternatives will be explored. Win conditions between the client and developers will be negotiated and initial architecture designs will have started.
- Deliverable: Client Interaction Report, Project Plan, Progress Report, FC Package, Agile Artifact Review, WinWin Report
- Milestone: Foundations Commitment Review
- Strategy: One Incremental Cycle

Foundations Phase
- Duration: 10/15/12 – 11/05/12
- Concept: NDI or NCS components will be acquired and quality of the project will be managed. Interoperability between NDI/NCS components will be assessed. Prototyping will be necessary to test this.
- Deliverable: Project Plan, Progress Report, DC Package, Prototype Report
- Milestone: Development Commitment Review
- Strategy: One Incremental Cycle

Development Phase
- Duration: 11/05/12 – 12/10/12
- Concept: Construction of the project and transitioning of the project take place.
- Deliverable: Project Plan, User Manual, Training Plan, Google Calendar integration, Social Networking Connections, Image Gallery, Page Traffic Analysis, YouTube plugin, CSS, Navigation Menu
- Milestone: Core Capability Drive through, Transition Readiness Review
- Strategy: Two Incremental Cycles

2.2 Project Deliverables

2.2.1 Exploration Phase

Table 1: Artifacts Deliverables in Exploration Phase

Artifact	Due Date	Format	Medium
Project Effort	Every Monday	Text	ER System
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy
Client Interaction Report	9/19/2012	.doc, .pdf	Soft copy
Valuation Commitment Package • **Operational Concept Document (OCD) early section** • **Feasibility Evidence Description (FED) early section** • **Life Cycle Plan (LCP) early section**	10/03/2012	.doc, .pdf	Soft copy
Evaluation of Valuation Commitment Package	10/08/2012	.doc, .pdf	Soft copy

2.2.2 Valuation Phase

Table 2: Artifact deliverable in Valuation Phase

Artifact	Due Date	Format	Medium
Project Effort	Every Monday	Text	ER System
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy
Core FC Package (early version) • **Operational Concept Description** • **Prototype Report** • **System and Software Architecture Description** • **Life Cycle Plan** • **Feasibility Evidence Description** • **Supporting Information Document**	10/15/2012	.doc, .pdf	Soft copy
Core FC Package (draft version) • **Operational Concept Description** • **Prototype Report** • **System and Software Architecture Description** • **Life Cycle Plan** • **Feasibility Evidence Description** • **Supporting Information Document**	10/22/2012	.doc, .pdf	Soft copy
Evaluation of Core FC Package	10/22/2012	.doc, .pdf	Soft copy
Evaluation of Draft FC Package	10/26/2012	.doc, .pdf	Soft copy
Evaluation of Foundation Commitment Package	11/05/2012	.doc, .pdf	Soft copy

2.2.3 Foundations Phase

Table 3: Artifact deliverable in Foundations Phase

Artifact	Due Date	Format	Medium
Project Effort	Every Monday	Text	ER System
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy
Developmental Commitment Package • **Operational Concept Description** • **Prototype Report** • **System and Software Architecture Description** • **Life Cycle Plan** • **Feasibility Evidence Description** • **Quality Management Plan** • **Supporting Information Document** • **Test Plan and Cases**	10/26/2012	.doc, .pdf	Soft copy
Quality Management Plan #1	10/26/2012	.doc, .pdf	Soft copy
Quality Management Plan #2	11/19/2012	.doc, .pdf	Soft copy

2.2.4 Development Phase

Table 4: Artifact deliverable in Development Phase

Artifact	Due Date	Format	Medium
Project Effort	Every Monday	Text	ER System
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy
Draft TRR Package • **Operational Concept Description** • **Prototype Report** • **System and Software Architecture Description** • **Life Cycle Plan** • **Feasibility Evidence Description** • **Supporting Information Document** • **Quality Management Plan** • **Test Plan and Cases** • **Transition Plan** • **User Manual** • **Training Plan** • **Test Procedures and Results**	11/26/2012	.doc, .pdf	Soft copy
TRR Package • **Operational Concept Description** • **Prototype Report** • **System and Software Architecture Description** • **Life Cycle Plan** • **Feasibility Evidence Description** • **Supporting Information Document** • **Quality Management Plan** • **Test Plan and Cases** • **Transition Plan** • **User Manual** • **Training Plan** • **Test Procedures and Results**	12/10/2012	.doc, .pdf	Soft copy
Testing Activities & Instructions	11/26/2012	.doc, .pdf	Soft copy
Evaluation of Draft Developmental Commitment Package	12/03/2012	.doc, .pdf	Soft copy

3. Responsibilities

3.1 Project-specific stakeholder's responsibilities

Outside of the typical stakeholders such as the client, user, developer, etc. the team does not have any other stakeholders.

3.2 Responsibilities by Phase

Table 5: Stakeholder's Responsibilities in each phase

	Primary / Secondary Responsibility				
Team Member / Role	**Exploration**	**Valuation**	**Foundations**	**Development-** Construction Iteration	**Development-** Transition Iteration
Adam Smith: Project Manager/Life Cycle Planner/Developer/ Trainer/Tester	**Primary Responsibility** Detail project plan Record project progress Analyze current system **Secondary Responsibility** Identify responsibilities and skills	**Primary Responsibility** Detail project plan Record project progress Identify life cycle mgmt. approach Identify milestones and products Provide process feasibility evidence **Secondary Responsibility** Explore alternatives Provide conclusion and recommendation about NDI/NCS Analyze business case Record project individual effort Assess and plan to mitigate risks	**Primary Responsibility** Detail project plan Record project progress Assess life cycle content Detail project plan **Secondary Responsibility** Life Cycle development Record project individual effort Develop prototype Verify and validate work products	**Primary Responsibility** Detail project plan Record project progress Assess development iteration **Secondary Responsibility** Perform core capabilities drive-through Record project individual effort Assess development iteration Identify test procedures Record test results Develop, integrate and tailor components	**Primary Responsibility** Detail project plan Record project progress Develop support plan Develop transition plan **Secondary Responsibility** Provide training Develop user manual Record project individual effort Transition the system
Barney Hsaio: Operational Concept Engineer /Developer/	**Primary Responsibility** Analyze current	**Primary Responsibility** Analyze and	**Primary Responsibility** Design and	**Primary Responsibility** Perform core	**Primary Responsibility** Transition the

Trainer/Tester	system **Secondary Responsibility** Identify responsibilities and skills	prioritize capabilities to prototype Assess prototype and components **Secondary Responsibility** Establish new operational concept Prepare development/ production environment Identify objectives, constrains, and priorities Record project individual effort Develop prototype Analyze NDI interoperability	prototype components Interface design Analyze and prioritize capabilities to prototype Assess prototype and components Develop prototype Record project individual effort Verify and validate work products	capabilities drive-through Assess development iteration Identify test procedures Record test results Develop, integrate and tailor components **Secondary Responsibility** Record project individual effort	system **Secondary Responsibility** Provide training Develop user manual Record project individual effort
Shawn Han: Software Architect/Developer/ Trainer/Tester	**Primary Responsibility** Analyze current system **Secondary Responsibility** Identify responsibilities and skills	**Primary Responsibility** Provide architecture feasibility Analyze NDI interoperability Analyze proposed system Assess and evaluate NDI/NCS components Provide architecture feasibility **Secondary Responsibility** Record project individual effort Develop prototype Analyze business case	**Primary Responsibility** Template design Architecture design Analyze NDI/NCS interoperability Assess system architecture **Secondary Responsibility** UML diagram Record project individual effort Develop prototype Verify and validate work products	**Primary Responsibility** Perform core capabilities drive-through Record project individual effort Assess development iteration Identify test procedures Record test results Transition the system Develop, integrate and tailor components	**Primary Responsibility** Transition the system **Secondary Responsibility** Record project individual effort Provide training Develop user manual
Prayaas Jain: Feasibility Engineer/Developer/ Trainer/Tester	**Primary Responsibility** Assess and plan to mitigate risks **Secondary Responsibility** Analyze current	**Primary Responsibility** Acquire NDI/NCS components Analyze business case	**Primary Responsibility** Acquire NDI/NCS components Analyze NDI/NCS	**Primary Responsibility** Perform core capabilities drive-through Record project individual effort	**Primary Responsibility** Record project individual effort Transition the system **Secondary**

	system Identify responsibilities and skills	Assess and plan to mitigate risks Analyze NDI interoperability Provide feasibility evidence **Secondary Responsibility** Prepare development/ production environment Provide conclusion and recommendation about NDI/NCS Record project individual effort	interoperability Assess feasibility evidence UML design **Secondary Responsibility** Record project individual effort Develop prototype Verify and validate work products	Assess development iteration Identify test procedures Record test results Develop, integrate and tailor components	**Responsibility** Provide training Develop user manual
Anvar Bagiyev: Prototyper/ Developer/ Trainer/Tester	**Primary Responsibility** Analyze current system **Secondary Responsibility** Identify responsibilities and skills	**Primary Responsibility** Establish operational concept Identify objectives, constrains, and priorities Identify organizational and operational transformation Analyze proposed system **Secondary Responsibility** Gather definitions Supporting Information Document Record project individual effort Develop prototype	**Primary Responsibility** Assess operational concept **Secondary Responsibility** Interface design Record project individual effort Develop prototype Verify and validate work products	**Primary Responsibility** Perform core capabilities drive-through Record project individual effort Assess development iteration Identify test procedures Record test results Develop, integrate and tailor components	**Primary Responsibility** Record project individual effort Transition the system **Secondary Responsibility** Provide training Develop user manual
Samantha Luber: Shaper/QPM/ Prototyper/IIV & V/Developer/Tester	**Primary Responsibility** Detail project plan **Secondary Responsibility** Analyze current system Review artifacts Identify responsibilities	**Primary Responsibility** Review artifacts using defect tracking Negotiate WIOA Set up WikiWinWin context Identify quality	**Primary Responsibility** Assess quality management strategy Identify configuration management strategy **Secondary Responsibility**	**Primary Responsibility** Identify test plan Perform core capabilities drive-through Record project individual effort Assess development iteration	**Primary Responsibility** Record project individual effort Transition the system **Secondary Responsibility** Develop user manual

	and skills	management strategy **Secondary Responsibility** Prepare development/ production environment Develop prototype Explore alternatives Analyze NDI interoperability Record project individual effort	Review artifacts Record project individual effort Develop prototype Verify and validate work products	Identify test procedures Record test results Develop, integrate and tailor components **Secondary Responsibility** Identify procedures and results Identify test plan Perform testing Record test results Review artifacts	

3.3 Skills

Team members	Role	Skills
Adam Smith	Project Manager, Developer, Tester, Trainer	**Current Skills:** Project and Life-cycle planning, COCOMO, UML, MySQL, PHP, HTML, JavaScript, CSS, Ajax, Concrete5, Unit Testing **Required Skills:** CMS
Barney Hsaio	Operational Concept Engineer, Developer, Tester, Trainer	**Current Skills:** HTML5, JavaScript, CSS, Concrete5, Unit Testing **Required Skills:** CMS, PHP
Shawn Han	Software Architect, Developer, Tester, Trainer	**Current Skills:** Template design, Architecture design and patterns, JavaScript, CSS, Concrete5, Unit Testing **Required Skills:** CMS, Concrete5 interoperability with web services, PHP, Visual Paradigm
Prayaas Jain	Feasibility Engineer, Developer, Tester, Trainer	**Current Skills:** UML, COCOMO, Template design, Risk mitigation, Concrete5, Unit Testing **Required Skills:** CMS, PHP
Anvar Bagiyev	Prototyper, Developer, Tester, Trainer	**Current Skills:** HTML, CSS, JavaScript, jQuery, Concrete5, Unit Testing, System Analysis **Required Skills:** CMS, System analysis, PHP
Samantha Luber	Shaper, Prototyper, QFP, Developer, Tester	**Current Skills:** HTML, PHP, JavaScript, CSS, Concrete5, Unit Testing **Required Skills:** CMS

*Note: None of the team members will be continuing into CSCI577b.

4. Approach

4.1 Monitoring and Control

In order to control and monitor current status of the project the team used weekly progress reports. The reports basically described the list of work which is has been done or is on a waiting list. The progress report also outlines the most current risks and the list of third part components that being considered for the project. At the same time, this report includes a list of defects that have either already occurred, are avoidable or are unavoidable from the previous week. Additionally, the progress report contains a list of planned hours and spent hours for each effort.

4.1.1 Closed Loop Feedback Control

The team gets and provides feedback using a couple of different communication mediums. A group has been put together on Google Groups where all of the team members and the client have access to. Emails can be sent out to the group and viewed by everyone. Also, anyone belonging to the group can respond to any of the emails allowing full feedback. This has allowed the team to be in full communication for the duration of the project. The team has also utilized WinBook to manage win conditions between the development team and the client.

4.1.2 Reviews

Peer review is the main mechanism for reviewing work. At the same time the team makes the client aware of the progress and receives feedback and reviews through Google Groups and other modern communication methods. Getting feedback from the client on each step in itself reduces project risks.

The IIV&V team member will also review the teams work. She will analyze problems and post them to Bugzilla for team members to later correct. Problems include, but are not limited to, deviation from standards, ensure common data in documentation and work, suggest improvements, etc.

Reviews will also be performed during the Architecture Review Board meetings. The team will present their work during the meetings to ensure the project is within normal operating limits, and also ensure the project is still on track.

4.2 Methods, Tools and Facilities

Tools	Usage	Provider
Concrete5	Content Management System	Concrete CMS Inc.
Facebook Like Button	Social media integration of the website with the user's Facebook account	Facebook, Inc
Twitter Tweet Button	Social media integration of the website with the user's Twitter account	Twitter, Inc
LinkedIn Button	Links the website user to the website's LinkedIn page	LinkedIn, Inc
Google+ Button	Social media integration of the website with the user's Google+ account	Google, Inc
Page Traffic Analysis	Allows the site admin to monitor page traffic and user type with Google Analytics	Google, Inc
YouTube Plugin	Display videos from CSCLA's YouTube channel on the website	YouTube, Inc
Google Calendar	Display and manage events put on and sponsored by CSCLA	Google, Inc
Effort Report	Work performed by each team member will be logged each Monday for the duration of the project	USC CSSE
COTIPMO	The COTIPMO site will track development work performed by the team every Wednesday	USC CSSE
Bugzilla	Bugzilla will be used to track bugs and problems discovered in documents, developed components, and any other work item	Bugzilla
WinBook	WinBook will be used to track the win conditions, features and requirements in order for the project to be successful	USC CSSE

5. Resources

Table 6: Application Count: Screens

Screen	Number of views	Number of source of data tables	Complexity level	Rationale
Home Page	1	0	MEDIUM	Links will need to be carefully implemented.
About Us	1	0	SIMPLE	Text and formatting will need to be copied over.
History	1	0	SIMPLE	Text and formatting will need to be copied over.
Mission & Vision	1	0	SIMPLE	Text and formatting will need to be copied over.
Board of Directors	1	0	SIMPLE	Text and formatting will need to be copied over.
News & Events	1	0	DIFFICULT	The page incorporates social media connections and links that need to be carefully implemented.
Annual Fundraiser	1	0	MEDIUM	Links and images will need to be carefully implemented.
Community Events	1	0	SIMPLE	Text and formatting will need to be copied over.
Donate	1	0	MEDIUM	Links to the PayPal donation page will need to be implemented.
Careers	1	0	MEDIUM	Links to current job description PDFs will need to be carefully connected.
Contact Us	1	0	DIFFICULT	Multiple addresses will be combined and placed onto one Google Map.
Workforce Development	1	0	SIMPLE	Text and formatting will need to be copied over.
Small Business Development	1	0	SIMPLE	Text and formatting will need to be copied over.
Health Services	1	0	MEDIUM	The current medical, dental, and behavioral health services pages will be combined into one.
Social Services	1	0	SIMPLE	
Senior Services	1	0	SIMPLE	Text and formatting will need to be copied over.
Youth Center	1	0	MEDIUM	Links will need to be carefully implemented.
Child	1	0	SIMPLE	Text and formatting will need to be

Development				copied over.
Affordable Housing	1	0	SIMPLE	Text and formatting will need to be copied over.
Gallery	1	0	DIFFICULT	An image gallery will need to be implemented using jQuery and PHP folder querying.

**No developmental items will produce report pages*

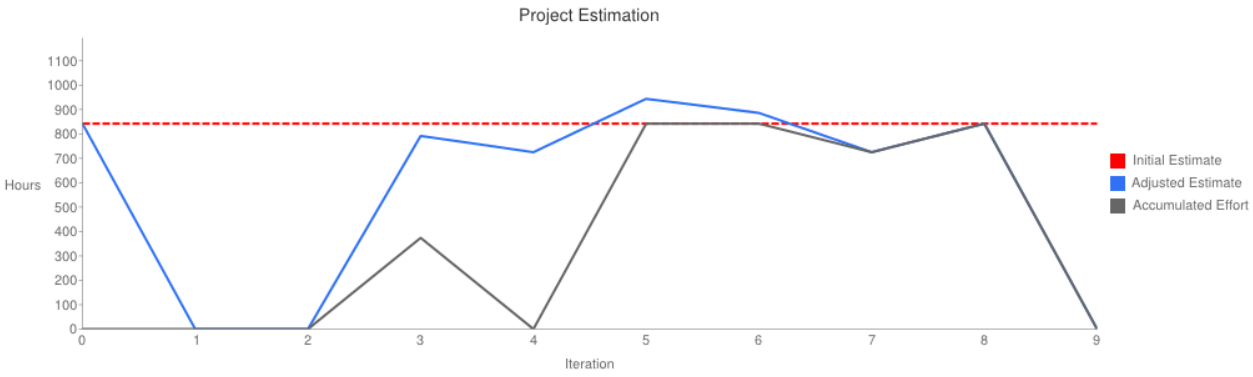
Table 7: Application Count: 3GL components

Component	Rationale
CSS	The entire website is going to need a change in color schemes, layouts, and images. The CSS components will contain centralized definitions for everything.
Social Media Connections	Social media is a very important feature for the project. The website itself and other news and events need to be shared through social media outlets.
Google Calendar Integration	The calendar will be utilized as a central calendar that contains all of the events sponsored by the CSCLA. It will allow clients of CSCLA and other users to subscribe and sync the calendar with their own calendars.

Table 8: Application Point Parameters

Parameter	Value	Rationale
Developer's Experience and Capability	NOM	The team has a wide variety of levels of expertise to fulfill the project's needs. Everyone has enough experience with web technologies to complete the project.
ICASE Maturity and Capability	NOM	The project will be built using the current CMS. It is not the most user-friendly to use, but it will work within our time constraints. Alternates were weighed, but time was the main factor for not using them.

Figure 1: COTIPMO Project Estimations



6. Iteration Plan

6.1 Plan

Currently the project is entering the Development Phase and beginning the first iteration of four. The first two iterations will consist of programming. The last two iterations will involve code testing and user experience testing. The first iterations will run from 11/1/12 to 11/9/12 and the second will run from 11/9/12 to 11/15/12. The last two iterations will run from 11/15/12 to 11/26/12 and from 11/26/12 to 12/03/12.

6.1.1 Capabilities to be implemented

During this milestone there will be eleven main components that will be developed. Some of the components will have smaller sub-components. Those components primarily consist of multiple web pages that need to be constructed. The Hi complexity pages will be initially created while the navigation bar is being built up. The pages will just be place-holders until the second iteration. The same applies to the Med and Lo complexity pages, but they will be completed in the first iteration.

Testing will consist of three major steps. The first will be testing by the developer to ensure the component passes all of their test cases. The second step will allow members of the development team to test the component's integrity. The final step will be for the client to test the module and get hands on, real-world testing.

The components to be developed are listed in the table below along with their corresponding iteration. The ID number **C-X.Y** where X is the iteration and Y is the component number to be developed in that iteration.

Table 12: Construction iteration capabilities to be implemented

ID	Capability	Description	Priority	Iteration
C-1.1	Navigation bar	Flesh out navigation bar to contain all of the pages for the website.	Must have	1
C-1.2	Site template	Build template to match prototype.	Must have	1
C-1.3	Lo complexity pages	Build pages and copy information from existing site.	Need to have	1
C-1.4	Medium complexity pages	Build pages and copy information from existing site. Correct the links copied from old site.	Must have	1
C-2.1	Build Events page	Build Events page incorporating Google Calendar element.	Like to have	2
C-2.2	Build Contact page	Build Contact Us page incorporating Google Maps element. Add CSC locations to the displayed map.	Like to have	2
C-2.3	Facebook	Add Facebook “Like” button.	Must have	2
C-2.4	Twitter	Add Twitter “Follow” button.	Must have	2
C-2.5	YouTube	Add YouTube link button.	Must have	2
C-2.6	LinkedIn	Add LinkedIn link button.	Must have	2
C-2.7	Image gallery	Build image gallery.	Like to have	2
C-2.8	Google+	Add Google+ link button	Like to have	2

6.1.2 Capabilities to be tested

The items listed previously will be individually tested. Most will not be easily tested with automated testing tools. All elements will be tested with Adobe’s Browser Lab and also with the W3 Markup Validation Test (http://validator.w3.org/).

Table 13: Construction iteration capabilities to be tested

ID	Capability	Description	Priority	Iteration
CT-1	Navigation bar	Ensure all pages are represented and linked correctly	Hi	1
CT-2	Site template	Ensure the template conforms to W3 specifications and works between browsers	Hi	1
CT-3	Lo complexity pages	Ensure page content matches current CSC site	Med	1
CT-4	Medium complexity pages	Ensure content matches and links work correctly	Lo	1
CT-5	Build Events page	Ensure calendar events list correctly on the Events page	Hi	2
CT-6	Build Contact page	Ensure all locations are listed on the page and marked on the map	Hi	2
CT-7	Facebook	Ensure “like” and “share” features work	Hi	2
CT-8	Twitter	Ensure “follow” and “tweet” features work	Hi	2
CT-9	YouTube	Ensure link connects to CSC YouTube channel	Hi	2
CT-10	LinkedIn	Ensure link connects to CSC LinkedIn page	Hi	2
CT-11	Image gallery	Ensure images are pulled from correct directory and display correctly on page	Med	2
CT-12	Google+	Ensure link connects to CSC Google+ page	Med	2

6.1.3 Capabilities not to be tested

All features listed in iteration 2 will not be tested during iteration 1.

6.1.4 CCD Preparation Plans

The current contact on the project, Leonard will be the prime client tester. He will share the project with a team of independent testers to get their input and feedback. This will allow semi-real-world testing. The testers will be using a mix of browsers, operating systems, and navigation patterns in order to simulate real-world situations.

In the case of problems showing up with the site there was a hidden page created on the website. The problem reporting page is hidden because it is not meant to be heavily used after the testing phase is over. The URL is http://cscla.org/c5/index.php/problems. Users will be required to provide a brief description of the problem, the steps to recreate it, the page the error occurred on, operating system, and browser. When the user submits the form it sends an email to admin@cscla.org with a copy of the information the user added.

6.2 Iteration Assessment

6.2.1 Capabilities Implemented, Tested, and Results

Table 14: Capabilities implemented, tested, and results

ID	Capability	Test Case	Test Results	If fail, why?
TC-01-01	Volunteer application email	TC-01-01	Pass	
TC-01-02	Donations request email	TC-01-02	Pass	
TC-01-03	Submit events email	TC-01-03	Pass	
TC-01-04	Event RSVP email	TC-01-04	Pass	
TC-01-05	Site change request email	TC-01-05	Pass	
TC-01-06	Contact us email	TC-01-06	Pass	
TC-02-01	Google calendar content	TC-02-01	Pass	
TC-02-02	Google calendar capabilities	TC-02-02	Pass	
TC-02-03	YouTube video capabilities	TC-02-03	Pass	
TC-02-04	Facebook button	TC-02-04	Pass	
TC-02-05	Twitter button	TC-02-05	Pass	
TC-02-06	YouTube button	TC-02-06	Pass	
TC-02-07	LinkedIn button	TC-02-07	Pass	
TC-02-08	PayPal donate button	TC-02-08	Fail	The English and Spanish buttons were showing at the same time
TC-02-09	Google+ button	TC-02-09	Pass	
TC-03-01	Navigation bar	TC-03-01	Fail	The buttons did not have rounded corners in Internet Explorer
TC-03-02	Site template	TC-03-02	Fail	Footer color was not the same everywhere
TC-03-03	Image gallery	TC-03-03	Pass	

6.2.2 Core Capabilities Drive-Through Results

The first problem was about compatibility with Internet Explorer. The tabs that are on top of each web page were not displaying correctly. In Chrome and Firefox they rendered with rounded corners, but when viewed in Internet Explorer the tabs showed sharp corners and did not meet the client's satisfaction. The problem most likely lies in the CSS files for the website.

Another problem that was discovered was the "Donate" button displaying twice in Firefox. It was not the same button, but instead the English and Spanish buttons were showing. Only one should be showing at a time on their respective language pages.

The footer that exists on each page also had a small problem discovered. The red color did not match the red on other sections of the website. It was a darker shade than the correct color.

On the other end of the page, the header needed to be moved up. There is a large white space between the banner and the top edge of the page. It needs to be shrunk a little to look better. The solution should be done in CSS.

Leonard also pointed out that there were some changes needed for the layout on the Board of Directors page. Each photo and director name needed to have a border surrounding the information. At the bottom of the list there is a director by the name of Camilla. Her picture and data is currently centered and needs to be left justified. Board member Karen is okay centered.

6.3 Adherence to Plan

Only a few problems were found during the Core Capability Drive-Through. As for budgeting the team is well under because nothing was purchased. Overall the team is on schedule to have the entire website finished and transitioned on time.