Life Cycle Plan (LCP)

Team No. 3

Istartonmonday.com

Team members	Role
Kandarp Nyati	Project Manager
Fei Li	Operational Concept Engineer
Tanya Gautam	Requirement Engineer
Bharat Shugani	Software Architect
Thammanoon Kawinfruangfukul	Life Cycle Planner
Ying Li	Tester
Mark Villanueva	IIV&V

12/12/2011

Version History

Date	Author	Version	Changes made	Rationale
09/25/11	TK	1.0	Original template for use with WWW.ISTARTONMONDAY.COM Web Enhancement v1.0	Initial draft for use with WWW.ISTARTONMONDAY.COM Web Enhancement v1.0
09/28/11	TK	1.1	Initial life cycle plan.	Updating information in Exploration phase
10/06/11	TK	1.2	Update section 3.3	Correcting information according to the TA's feedback
10/06/11	TK	2.0	Update table 2 and 5	Updating information in Valuation phase
10/13/11	TK	2.1	Update section 2.1, 3, and 5	Updating information in all ICSM phases
10/16/11	TK	2.2	Update section 2.1, 3, and 5	Changing incorrect information
10/18/11	TK	2.3	Update section 1, 2, 4, and 5	Changing Life cycle plan from two semester to one semester
10/22/11	TK	3.0	Update section 1.2, 3, and 5	Updating information for development phase
11/07/11	TK	3.1	Update section 1.2, 2, 3.2, and 4	Correcting information according to the IIV&V's feedback
11/19/11	TK	4.0	Update section 1.2, 2, 3, and 5	- Correcting information according to the TA's feedback - Analyze resource in each iteration
11/30/11	TK	4.1	Update section 2.1 and 5 and table 3 and 4	- Correcting information according to the IIV&V's feedback - Analyze resource in 5th and 6th iteration
12/12/11	TK	4.2	Update section 1.2, 2.1 and 5	- Correcting information according to the TA's feedback - Analyze resource in 7th and 8th iteration

Table of Contents

Table of Tables

Table of Figures

No table of figures entries found.

1. Introduction

1.1 Purpose of the LCP

The purpose of the life cycle plan is to ensure that every component required in every milestone is feasible and the product can be delivered, trustworthy, and maintainable.

1.2 Status of the LCP

This version of the life cycle plan is version 4.2 in development phase and parted of Transition Readiness Review. This document mainly focuses on project deliveries and responsibilities of the team members in development phase of the Incremental Commitment Spiral Model. Moreover, this version shows evidence that there is feasible enough to finish and deliver the project.

1.3 Assumptions

- The duration of the project is 12 weeks in Fall 2011.
- The team members, the client and the other success-critical stakeholders are shared goals and have the strong commitments to achieve the goals.
- The team members, the client and the other success-critical stakeholders will be in regular communication with one another, so everyone will be informed of updates their progress, a decision had to be made, or an issue found.
- The requirements from the client should be stable and not change dramatically.

2. Milestones and Products

2.1 Overall Strategy

The WWW.ISTARTONMONDAY.COM Web Enhancement project will implement following the NDI-intensive process pattern of the Incremental Commitment Spiral Model because some NDIs can satisfy the project's requirements, but the project also requires custom code to meet all the requirements.

Exploration Phase
Duration: 09/09/11 – 10/03/11
Concept: During the Exploration phase, the team starts exploring the current system and business workflow by setting up a couple of meetings in order to analyze the project requirements, initialize the project scoping, and identify and mitigate risks. For this phase, the team focuses on the requirement, the project scoping, and implementing the software prototype.
Deliverables: Valuation Commitment Package
Milestone: Valuation Commitment Review
Strategy: Meetings-dependent

Valuation Phase
Duration: 10/04/11 – 10/19/11
Concept: During the Valuation Phase, the team collaborates with the other project stakeholders to define the requirements and establish new operational concept by realizing all win conditions. Moreover, the team realizes about the risks so the team will implement the prototypes to prevent and mitigate the risks.
Deliverable: Foundations Commitment Package
Milestone: Foundations Commitment Review
Strategy: Meetings and prototype dependent

Foundations Phase
Duration: 10/18/11 – 10/24/11
Concept: The team focuses on assess NDI components and define detail system including architecture, design and test procedures. In addition, requirement changes are needed to manage and apply to the system. To avoid risks in the project, the team implements functional prototypes according to risk and requirement priority.
Deliverable: Development Commitment Package
Milestone: Development Commitment Review
Strategy: Procedure and functional prototype development

Development phase - Construction Iteration
Duration: 10/25/11 – 11/21/11
Concept: Develop the system based on previous design and architecture. The development team is able to reuse the prototypes to speed up the process and reduce the risks since the prototypes are developed and tested. Before leaving from this phase, all functions need to finish development and testing, and most of the risks and defects have to eliminate.
Deliverable: Core Capability Drive-through Package, Draft Transition Readiness Review Package
Milestone: Core Capability Drive-through
Strategy: Development and test

Development phase - Transition Iteration
Duration: 11/22/11 – 12/15/11
Concept: The system is ready to transit and replace the current system. The team prepares all information and procedures for the client and maintainer in order to help transit the system. The team also educates the client, maintainer, and users to easily adopt the proposed system.
Deliverable: Transition Readiness Review Package
Milestone: Transition Readiness Review
Strategy: Training, Transition

2.2 Project Deliverables

This section will describe all artifacts the team is responsible to produce and by when.

2.2.1 Exploration Phase

Table 1: Artifacts Deliverables in Exploration Phase

Artifact	Due date	Format	Medium
Client Interaction Report	09/21/2011	.doc, .pdf	Soft copy
Valuation Commitment Package • Operational Concept Description (OCD) Early Section • Life Cycle Plan (LCP) • Feasibility Evidence Description (FED) Early Section	09/28/2011	.doc, .pdf	Soft copy
Evaluation of Valuation Commitment Package	10/03/2011	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Project Effort	Every Monday	Text	ER system
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy

2.2.2 Valuation Phase

Table 2: Artifact deliverable in Valuation Phase

Artifact	Due date	Format	Medium
Core Foundations Commitment Package • Feasibility Evidence Description (FED) • Life Cycle Plan (LCP) • Operational Concept Description (OCD) • Supporting Information Document (SID) • System and Software Architecture Description (SSAD) • WinWin Prioritization Template (WWPT) • Prototype report (PRO)	10/07/2011	.doc, .pdf	Soft copy
Evaluation of Core Foundation Commitment Package	10/10/2011	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Foundations Commitment Package • Feasibility Evidence Description (FED) • Life Cycle Plan (LCP) • Operational Concept Description (OCD) • Supporting Information Document (SID) • System and Software Architecture Description (SSAD) • WinWin Prioritization Template (WWPT) • Prototype report (PRO)	10/14/2011	.doc, .pdf	Soft copy
Evaluation of Foundation Commitment Package	10/17/2011	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Project Effort	Every Monday	Text	ER system
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy

2.2.3 Foundations Phase

Table 3: Artifact deliverable in Foundations Phase

Artifact	Due date	Format	Medium
Development Commitment Package • Feasibility Evidence Description (FED) • Life Cycle Plan (LCP) • Operational Concept Description (OCD) • Supporting Information Document (SID) • System and Software Architecture Description (SSAD) • WinWin Prioritization Template (WWPT) • Prototype report (PRO) • Quality Management Plan (QMP) • Iteration Plan (IP) • Acceptance Test Plan and Cases (ATPC)	10/24/2011	.doc, .pdf	Soft copy
Evaluation of Development Commitment Package	10/31/2011	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Project Effort	Every Monday	Text	ER system
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy

2.2.4 Development Phase

Table 4: Artifact deliverable in Development Phase

Artifact	Due date	Format	Medium
Core Capability Implementation • Account management • Email notification • Search function • General layout of main	11/16/11	.php	Soft copy

page and sub pages • Core Capability Integration			
Test Result and Feedback • Unit testing • Integrated testing	11/16/11	.doc, .pdf	Soft copy
Core Capability Drive-through Package • Core Capability Drive-through Report • Client Feedback Form	11/21/11	.doc, .pdf	Soft copy
Evaluation of Core Capability Drive-through Package	11/28/11	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Draft Transition Readiness Review Package • Feasibility Evidence Description (FED) • Life Cycle Plan (LCP) • Operational Concept Description (OCD) • Supporting Information Document (SID) • System and Software Architecture Description (SSAD) • WinWin Prioritization Template (WWPT) • Prototype report (PRO) • Quality Management Plan (QMP) • Iteration Plan (IP) • Transition Plan (TP) • Iteration Assessment Report (IAR) • User Manual (UM) • Training Material(TM) • Acceptance Test Plan and Cases (ATPC) • Acceptance Test Procedure and	11/21/11	.doc, .pdf	Soft Copy

Result(ATPR)			
Evaluation of Draft Transition Readiness Review Package	11/28/11	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Transition Readiness Review Package • Feasibility Evidence Description (FED) • Life Cycle Plan (LCP) • Operational Concept Description (OCD) • Supporting Information Document (SID) • System and Software Architecture Description (SSAD) • WinWin Prioritization Template (WWPT) • Prototype report (PRO) • Quality Management Plan (QMP) • Iteration Plan (IP) • Transition Plan (TP) • Iteration Assessment Report (IAR) • User Manual (UM) • Training Material(TM) • Acceptance Test Plan and Cases (ATPC) • Acceptance Test Procedure and Result(ATPR)	12/05/11	.doc, .pdf	Soft Copy
Evaluation of Transition Readiness Review Package	12/12/11	.doc, .pdf, Bugzilla	Soft copy, Bugzilla
Project Effort	Every Monday	Text	ER system
Project Plan	Every Wednesday	.mpp, .pdf	Soft copy
Progress Report	Every Wednesday	.xls	Soft copy

3. Responsibilities

3.1 Project-specific stakeholder's responsibilities

This project has only the typical stakeholders which consist of developers, clients, users, maintainer, developer and IIV&V.

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
Dean L. Jones: Client/ Maintainer	**Client:** - Explain current system - Express win conditions and requirement **Maintainer:** - Provide information about current system - Express win conditions and requirement	**Client:** - Assess the prototype and provide feedback - Identify goals, concepts, and shared vision **Maintainer:** - help team understand domain knowledge - Provide test case and data	**Client:** - Provide feedback of prototypes - Provide test cases **Maintainer:** - Review and provide feedback to the proposed system	**Client:** - Track project progress - Provide feedback of application and test results **Maintainer:** - Prepare operational environment - Provide feedback of application and test results	**Client:** - Prepare for system transition - Attend training **Maintainer:** - Test and deploy the system in operational environment - Attends training
Kandarp Nyati: Project Manager/ Feasibility Analyst/ Builder	**Project Manager:** - Plan the project - Track Progress **Feasibility Analyst:** -Point out risk items -Track risks throughout life cycle	**Project Manager:** - Plan the project - Track Progress **Feasibility Analyst:** -Assess and plan to mitigate risks - Analyze business case	**Project Manager:** - Define detail project plan - Track Progress **Feasibility Analyst:** - Assess and evaluate NDI - Track risks throughout life cycle	**Project Manager:** - Define detail project plan - Track Progress **Feasibility Analyst:** - Assess feasibility evidence - Track risks throughout life cycle **Builder:** - Develop the system	**Project Manager:** - Define detail project plan - Track Progress **Feasibility Analyst:** - Assess feasibility evidence - Track risks throughout life cycle **Builder:** - Deploy the system - Final Project Deliverable

Bharat Shugani: Software Architect/ Operational Concept Engineer/ Builder	**Software Architect:** - Explore the technologies - Help Prototyper model the software **Operational Concept Eng:** - Explore the current system - Develop goals, visions, and usage scenarios	**Software Architect:** - Analyze the proposed system - Design the overview system architecture **Operational Concept Eng:** -Explore alternatives for system - Establish new operational concept	**Software Architect:** - Analyze and assess NDI architecture - Design and assess system architecture **Operational Concept Eng:** - Define detail operational concept - Assess operational concept	**Builder:** - Develop the system	**Builder:** - Deploy the system - Final Project Deliverable
Thammanoon Kawinfruangfukul: Life Cycle Planner/ Prototyper/ Builder	**Life Cycle Planner:** -Draft life cycle plan -Identify responsibilities and skills **Prototyper:** - Prioritize capabilities - Design prototype	**Life Cycle Planner:** - Provide process feasibility evidence - Define milestones and artifacts **Prototyper:** - Prioritize capabilities - Develop and assess prototype	**Life Cycle Planner:** - Assess life cycle plan - Define detail life cycle plan **Prototyper:** - Develop functional prototype - Assess the prototype - Get feedback of stakeholders	**Life Cycle Planner:** - Define iteration and support plan - Define detail life cycle plan **Builder:** - Develop the system	**Life Cycle Planner:** - Define detail life cycle plan **Builder:** - Deploy the system - Final Project Deliverable
Tanya Gautam: Requirements Engineer/ Feasibility Analyst/ Builder / Tester	**Requirements Engineer:** - Assess requirements - Negotiate with the client **Feasibility Analyst:** -Point out risk items -Track risks throughout life	**Requirements Engineer:** - Analyze the proposed system **Feasibility Analyst:** -Assess and plan to mitigate risks -Analyze business case	**Requirements Engineer:** - Define detail requirements - Handle requirement changes **Feasibility Analyst:** - Assess and evaluate NDI - Track risks throughout life cycle	**Builder:** - Develop the system **Tester:** - Test modules/ system and record test results	**Builder:** - Deploy the system - Final Project Deliverable **Tester:** - Test system and record test results
Fei Li: Operational Concept Engineer/ Life Cycle Planner/Tester/ Trainer	**Operational Concept Eng:** - Explore the current system - Develop goals, visions, and usage scenarios	**Operational Concept Eng:** -Explore alternatives for system - Establish new operational concept	**Operational Concept Eng:** - Define detail operational concept - Assess operational concept	**Life Cycle Planner:** - Define iteration and support plan - Define detail life cycle plan **Tester:** - Test modules/ system and record test results	**Life Cycle Planner:** - Define detail life cycle plan **Tester:** - Test system and record test results

	Life Cycle Planner: -Draft life cycle plan -Identify responsibilities and skills	**Life Cycle Planner:** - Identify detail of project plan	**Life Cycle Planner:** - Assess life cycle plan - Define detail life cycle plan		**Trainer:** - Prepare and train the system content - Transition the system
Mark Villanueva: IIV&V/ Quality Focal Point/Trainer	**IIV&V:** - Review the artifacts **Quality Focal Point:** - Help the project manager to plan and ensure the quality	**IIV&V:** - Verify and validate the work products **Quality Focal Point:** - Identify quality management approach	**IIV&V:** - Verify and validate the work products **Quality Focal Point:** - Assess quality management plan and strategies	**IIV&V:** - Manage issue and defect **Quality Focal Point:** - Define test plan	**IIV&V:** - Manage issue and defect **Trainer:** - Prepare and train the system content - Transition the system
Ying Li: Tester/Trainer	**N/A**	**N/A**	**Tester:** - Define test plan - Define test strategies and cases	**Tester:** - Test modules/ system and record test results **Trainer:** - Prepare and train the system content - Transition the system	**Tester:** - Test modules/ system and record test results **Trainer:** - Prepare and train the system content - Transition the system

3.3 Skills

Team members	Role	Skills
Kandarp Nyati	• Project Manager • Feasibility Analyst • Builder	**Current skills** • Project management skills • People skills • Ability to handle conflicts • Ability to analyze business and investment • Ability to assess and mitigate risks • PHP, MySQL, HTML **Required skills** • Wordpress • Java script, HTML, CSS
Bharat Shugani	• Software Architect • Operational Concept Engineer • Builder	**Current skills** • Analytical skills • UML Modeling • RSM • Communication skills • Negotiation skills • PHP, MySQL

		Required skills • Wordpress • Java script, HTML, CSS
Thammanoon Kawinfruangfukul	• Life Cycle Planner • Prototyper • Builder	**Current skills** • Planning skills • Project coordination • COTIPMO • MS project • UML, RSM • PHP, MySQL **Required skills** • Wordpress • Java script, HTML, CSS
Tanya Gautam	• Requirements Engineer • Feasibility Analyst • Builder • Tester	**Current skills** • Analytical skills • Communication skills • Negotiation skills • Ability to assess and mitigate risks • WinBook **Required skills** • PHP, MySQL, Wordpress • Java script, HTML, CSS • Testing methodology • Bug tracking and removal techniques
Fei Li	• Operational Concept Engineer • Life Cycle Planner • Tester • Trainer	**Current skills** • Analytical skills • Communication skills • Negotiation skills • Project coordination **Required skills** • Testing methodology • Bug tracking and removal techniques
Mark Villanueva	• IIV&V • Quality Focal Point • Trainer	**Current skills** • Analytical skills • Communication skills • Testing methodology • Bug tracking and removal techniques • UML, RSM • WinBook • PHP, HTML

		Required skills • Wordpress
Ying Li	• Tester • Trainer	**Current skills** • Analytical skills • Communication skills **Required skills** • Testing methodology • Bug tracking and removal techniques

4. Approach

4.1 Monitoring and Control

There are weekly activities such as a weekly team meeting among team members to report their progresses, issues, and the plan for the next week, so every activity and artifact produced by the team members are monitored and controlled. The summary of report will be recorded on the meeting minutes sent to group email, progress report, effort report, and project plan.

4.1.1 Closed Loop Feedback Control

The team member updates the progress and information of his or her work, and also provides and get feedback among the team members by verbal communications, emails, and CSCI 577 Team 3 Google group page (https://groups.google.com/group/csci577-team3).

4.1.2 Reviews

Reviews and recommendations in the project result from participating among the client and team members following procedures below

- Configuration management: team members check new versions of artifacts into the repository for download by other members. the documents are then reviewed.
- Buddy check: informal reviews between team members before submission.
- Formal review: IIV&V reviews after submission and reports bugs into Bugzilla.
- Milestone reviews throughout implementing the project.

1. Valuation Commitment Review shows the project is feasible and clear to implement by focusing on the concept and scope of the project.
2. Foundations Commitment Review shows the core concepts such as the system architectures are defined and feasible enough to implement the system.
3. Development Commitment Review shows that all important artifacts such as operational concept, system architecture, test plan are ready to be forward to development phase.
4. Core Capability Drive-through shows the near-final product to the client highlighting new features and functionality
5. Transition Readiness Review shows the final product is ready to be deployed in the operational environment.

4.2 Methods, Tools and Facilities

Tools	Usage	Provider
iCard	Records effort of the team members spent on the project	USC
Winbook	Records and assesses WinWin conditions	USC
MS Project	Records the project plan	Microsoft
Subversion	Configuration manager	CollabNet
Rational Software Modeler	Designs and records UML diagrams	IBM
Google Groups	Tool for communication and collaboration among the team members	Google
COTIPMO	Tool for project estimation tracking	USC

5. Resources

IStartOnMonday project uses NDI-intensive process pattern to estimate project effort and duration by using COTIPMO tool.

Estimating number of screens, reports, and third Generation Language components uses as inputs for COTIPMO tool

Screen name	Number of views	Number of source of data tables	Complexity level	Description
home page	7	3	Medium	- This page consists of one main view and six pop up views: job search result, associate announcement, job announcement, register, login, and donation honored. - This page associates with three source data table: job, link, and user tables.
Istartonmonday information page	1	1	Simple	This page displays information related to company.
Take a tour page	1	1	Simple	This page explain how to use the website for the users.
FAQ page	1	1	Simple	This page lists most of questions found when using the website.
MyInfo page (not login)	6	1	Simple	- This page consists of one main view and five pop up views: job search result, register, login, forget password, and donation honored. - This page associates with user table.
MyInfo page (job seeker)	6	4	Medium	- This page consists of one main view and five pop up views: profile management, job preference management, donation honored, feedback/testimonial management, and job search result. - This page associates with four source data table: job, user, preference, and feeback tables.
MyInfo page (employer)	5	3	Medium	- This page consists of one main view and four pop up views: profile management, job posting management with expiration function, candidate search result, and donation honored - This page associates with three source data table: job, user, and preference tables.

Administrator management page	5	3	Medium	- This page consists of one main view and four pop up views: job, link, web-content posting managements, and donation honored - This page associates with three source data table: job, link, and web-content tables.
Soft Skills Training page	4	2	Simple	- This page consists of one main view and three pop up views: register, login, and donation honored. - This page associates with two source data table: skills and user tables.

Report name	Number of sections	Number of source of data tables	Complexity level	Description
Job search result	3	1	Simple	This report displays results of job search by company, job category and location, and associates with job table.
Job announcement	1	1	Simple	This report display job announcement information and associates with job table.
Candidate search result	3	2	Simple	This report displays results of candidate search by name, job category and location, and associates with user and preference tables.

Third Generation Language (3GL) Components

Component name	Complexity level	Description
Job search	Difficult	The component allows job seekers to search jobs by text, job category, and working location.
Candidate search	Difficult	The component allows employers to search potential job candidates by text, job category, and location
Job posting	Difficult	The component used for posting job to the website and can be expiration duration in order to remove from the website.
Email notification	Difficult	The component used for managing email notification such as job alert and news to authorized uses of the website.
Forget password	Difficult	The component allow the users to retrieve their password.

All 3GL components are considered as difficult in complexity level when comparing with screens and reports.

Table 6: Associate Factors of Application Point

Associate Factors	Value	Rationale
Developer's Experience and Capability	Nominal	Most of team members are knowledgeable to develop website and average developer's experience is about one year.
ICASE Maturity and Capability	Nominal	The team uses many ICASE tools such as MS project for planning the project/Life cycle, RSM for design, and FireBug for monitoring and debugging web page. Moreover, This project uses MySQL which is a mature DBMS as the infrastructure.

According to current system, some features can be reused for the proposed system such as web-content management and job posting management with expiration function, so percent of reuse code is 35 %.

Convert most likely to pessimistic approach by using person-month from COTIPMO tool Person-Months (pessimistic) = 3.45*1.25 = 4.1325 (655.5 hours)

Project Estimates

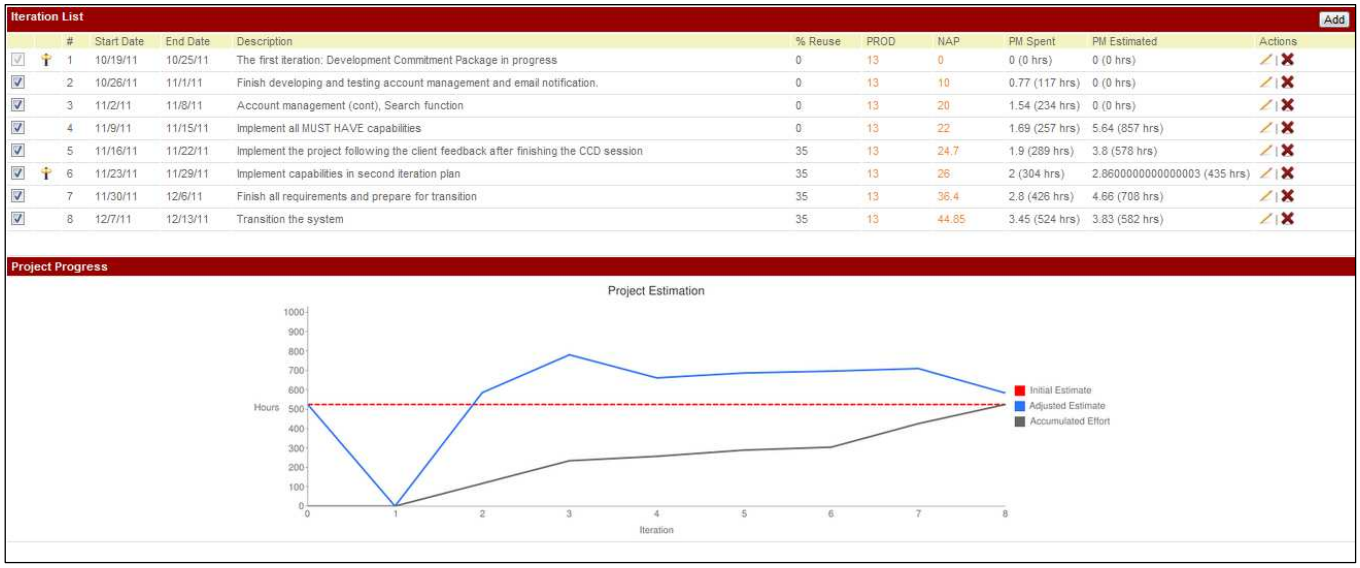
Description:	IStartOnMonday project is a web portal to provide the channels for job seekers and employers to communicate and facilitate the job recruitment process.			
% Reuse:	35			
Developer's Experience and Capability	NOM			
ICASE Maturity and Capability	NOM			
Productivity (PROD)	13			
New Application Point (NAP)	44.85			
Person-Months (PM)	3.45 (524 hrs)			
NDI/NCS Details:	Element Type	Simple	Medium	Difficult
	Screens	5	4	
	Reports	3		
	3GL Components			5

Calculate feasibility to finish the project by calculating the number of team members required for finishing the project

Number of team members (required) = 4.1325/1.67 = 2.47 people for two semesters (It is one semester project, so number of team members = 4.95 people)

When comparing number of team members required for and current number of team members, it show that current number of team members are enough to finish the project, so the project is feasible.

Project estimation analysis



	Iteration description	Project progress	NAP	Estimation analysis
1	Development Commitment Package in progress	- Prepare all necessary information and documents in valuation phase in order to implement the system	0	This iteration does not implement the system, so it decrease improved estimate to zero.
2	Finish developing and testing account management and email notification.	- Start developing account management such as login and register page. - Implement email notification module by using PHPMailer	10	Implementation in this iteration helps increase improved estimate. There is one difficult 3GL module implemented: Email notification.
3	Account management (cont), Search function	- Implement detail functions of account management such viewing user information - Implement search module which has ability to search all job posting according to key word.	20	Implementing new difficult 3GL module helps increase 10 points from previous iteration. New difficult 3GL module implemented in this iteration is Job search
4	Implement all MUST HAVE capabilities	- Implement subscribe function for a job seeker to receive new daily job posting. - Implement job posting function for an employee - Implement maintenance functions such as employer's links and Google AdSense - Implement mobile version to support Iphone and Android phone	22	Implement new two simple screens which are Login and Soft Skills Training page

5	Implement the project following the client feedback after finishing the CCD session	- Add forget a password in account management module - Create a link in the front page to "companies and links" page shown like job-applications.com - Enhance job posting function	24.7	There are two medium screens implemented which are Home and MyInfo(employer)page and one difficult 3GL implemented which is Job posting as well as one simple report implemented which is Job search result
6	Implement capabilities in second iteration plan	- Implement job announcement	26	There is one simple report implemented which is Job announcement.
7	Finish all requirements and prepare for transition	- Implement the rest requirements of the project	36.4	There is one 3GL module, medium screen, and simple report implemented which are Candidate search, MyInfo page (job seeker), and Candidate search result respectively
8	Transition the system	- Integrate the system - Transit the system	44.85	The rest of screens and 3GL modules

Having one week for delivery the project shows that the team needs to increase an effort to finish and transit the project, and the current project status is still on plan, so the project is feasible enough to deliver.

Conclusion

Estimated CSCI577a Effort : 7 team members at 7.80 hours/week for 12 weeks
Total estimated effort 4.1325 (655.5 hours)
Budget information: 100$/year for hosting
Project duration: 3 months
NDI: Wordpress as software and MySQL as infrastructure
Programming language used: PHP, Java script