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**PROJECT PLAN
FOR
VOLUNTEER MANAGEMENT SYSTEM
(VMS)**

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CLIENT **The Client**
PROJECT **Volunteer Management System (VMS)**
TITLE **Project Plan**
VERSION **1.0**
DATE **28-Feb-2011**

ORIGINATOR

Name / Signature Dio Phung

APPROVAL

Name / Signature Phung Kim Cuong, Dio

Institute of Systems Science
25 Heng Mui Keng Terrence
Singapore 119615

Approval Reference

Acceptance

Customer Signature

Customer Signature

Name & Designation

Name & Designation

Date & Company Stamp

Date & Company Stamp

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Revision History

Date	Version	Description	Author
02 Apr 2011	1.0	Initial release	Dio Phung
		Refer to amendment history	

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1. Introduction

The target customer is poverty elimination NGO. It has grown tremendously over the years and is attracting more and more volunteers both domestically and internationally. As it grows, there is an increasing need to coordinate and manage its volunteers, especially international volunteers, as they require more administrative and logistic efforts. The current ways of manually handling documents and volunteers requires a lot of works and limiting the organization efficiency.

From the situational analysis and problems identified, the team proposed an integrated system with the aim of addressing the problems of volunteer communication, documentation, recruitment and retention.

The project serves as the required MTECH project for students in ISS to complete the Master of Technology (Software Engineering) course.

1.1 Purpose

The purpose of this document is to provide a Project Plan – which define the generic strategy for successfully deliver all required deliverables for MTECH project on schedule.

The document will:

- Specify each team member's role and responsibility
- Provide the team with a plan for the activities that they are to perform
- Specify the deliverables the team will produce
- Indicate the required efforts for each tasks against the project timeline

No.	Column One Header	Column Two Header	Column One Header
1.			
2.			

Table 1 – Error! Reference source not found.

1.2 Audience

The intended readers of this Project plan are the project team.

1.3 Purpose

The Project plan consists of these major parts:

- Work Breakdown Structure
- Project Effort Estimation
- Project Schedule and timeline

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- Project Deliverables
- Project structure and staffing

1.4 References

To fully understand the background to this project, the reader should also refer to the project proposal (reference ISS/VMS/T-9.2).

2. Project Structure and Staffing

Below is the project structure and staffing – each resource will be assigned to a specific role. During the project timeline, they are expected to perform as defined in the role description. However, resource allocation can be modified and additional tasks may be assigned to each resource depends on the project needs.

Role	Responsibilities
Project Manager – Dio	<ul style="list-style-type: none"> • Steer the development of the project. • Monitor progress on a monthly basis through progress meetings. • Responsible for managing the project on a week-to-week basis by reviewing progress against the plan and instituting appropriate action. • Liaise with users on key project matters. • Responsible for reviewing and approving all deliverables produced by the team. • Ensure timely project deliveries, manage and mitigate risks, revise and track risk management at all time. • Liaise with client on the sign off and reporting of progress.
Quality Manager – Peishan	<ul style="list-style-type: none"> • Provide the structure and content of the deliverable project documents. • Assure that projects perform to the level of quality defined in the Quality Plan. • Advise on matters of quality relating to the Project Processes and Practices. • Perform general project administration activities. • Assist in technical design and system specification. • Under take the software development.

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Technical Lead – Zaw Htet	<ul style="list-style-type: none"> • Provide guidelines and directions on all technical aspects of the project. • Drive the Architectural Proof of Concept to determine the architecture framework for system. • Provide a blueprint application framework based on Architectural Proof of Concept for one significant use case for the development team's reference. • Document best practices for the development team to ensure a consistent architectural is adopted throughout system. • Work with and report to the Project Manager on technical aspects of system. • Guide the whole team to rectify any design deficiencies discovered during the entire course of the project development life cycle. • Responsible for the overall design of the project. • Under take the software development. • Responsible for installation of software at client side.
Development Lead – Feng Yan	<ul style="list-style-type: none"> • Responsible for prototyping, system specification, user and programmer documentation. • Support in installation and user training activities. • Supervise the team members in development and other project activities. • Represent the project team in technical discussions with client on related modules. • Report progress, issues and risks at internal project meeting. Prepare monthly team progress report. • Under take the software development.
Test Lead & DBA – Jifa	<ul style="list-style-type: none"> • Responsible for Functional Test and Performance / Load Test. • Work with Project Team and the Client to finalize scope of the automated functional test and Performance/Load Test. • Manage the Test Teams in providing the required services. • Work with and report to Project Manager on test activities for test teams. • Propose Test Strategy, Reporting and acceptance on areas covered.

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	<ul style="list-style-type: none"> Analyse, prepare and present Test Results. Assist in user requirements specification. Under take the software development. Review database design. Administer, set-up and manage the database guidelines. Perform database tuning and advise project teams on database design related issues. Setup database backup and recovery operations and procedures. Perform database backup and restore as and when required. Assist in generating test data or loading if applicable.
Business Analyst Lead – Thida	<ul style="list-style-type: none"> Responsible for undertaking user requirements specification, system specification, testing, user documentation and user training activities. Record meeting minutes for the relevant meetings with the users. Assist in software testing. Under take the software development.
Business Analyst – Hazel	<ul style="list-style-type: none"> Responsible for undertaking user requirements specification, system specification, testing, user documentation and user training activities. Record meeting minutes for the relevant meetings with the users. Assist in software testing. Under take the software development.

Table 2 – Project Structure and Staffing

3. Project Approach

The VMS project will follow Waterfall SDLC model through 7 phases starting from Project Planning to Final Project Report.

In each phase, there will be a number of activities to be performed and required deliverables to be produced. Each phase will also involve different resources depends on the requirement in that phase – the details will be presented in Work Breakdown Structure (WBS) in section 4.

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Project Manager and Quality Manager will be involved in all phases of the project for overseeing the activities and qualities of the deliverables.

Each phase in the VMS project will be discussed in details as below.

3.1 Project Planning

To initiate the project, the team will:

- Produce a formal Project Plan (this document) to define the strategy for the project team to successfully produce all required deliverables.
- Produce a Quality Assurance Plan beside the Project Plan – this document will provide guiding principle for the team to ensure they will deliver quality product.
- Set up a project filing system to store all management and technical documents of the project.

The Project Manager, Quality Manager will be involved in this phase. At the end of this activity, they will also prepare first Project Presentation and Quality Audit check.

3.2 Requirement Analysis

To initiate the project, the team will:

Due to the nature of the project, one member of the project team, who will act as the putative User Manager in the requirement analysis phase, has replaced the actual customer in the proposal.

The Business Analyst team (consist of one Business Analyst Lead and one Business Analyst) will complete this phase by:

- Working with the putative user to identify the user requirements;
- Producing a user requirements specification; and
- Conducting additional research and verification with the putative user to resolve any remaining requirements issues.

The Business Analyst Team and putative User Manager will be involved in this phase.

3.3 Analysis Modeling

3.3.1 Analysis

The next phase will be analysis and design. In this phase, the team will:

- Produce Use Case Realization Report (Analysis)
- Produce high level Design Specifications.

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- Produce Transition Strategy from Analysis to Design

The Technical Lead, Quality Manager, and development lead will be involved in this phase. At the end of this activity, Project Manager and Quality Manager will also prepare second Project Presentation report and Quality Audit check.

3.3.2 Prototyping

Based on the high-level user requirements specification, a series of prototypes (approximately 2 rounds) will be produced by using HTML pages and wireframe.

Each prototype will be demonstrated to the putative UM (who was appointed by the team) to determine the acceptability of screen layouts, report formats and methods of operation (menus, function keys, etc).

Because of each prototype demonstration, changes will be agreed to be included in the next prototype. Hence, each prototype builds on the functionality of the previous until it is agreed with the putative UM that the last prototype represents the full detailed requirements for the software to be developed. These requirements will be documented in analysis and design specifications.

The development team will be involved and responsible to produce the prototype of VMS.

3.3.3 Design Modeling.

After Analysis and Prototyping phase is completed, the team will proceed to produce detailed design specifications through a series of activities:

- Defining detailed objects specifications
- Defining detailed sequence diagrams

The Technical Lead and Development Lead will be involved in this phase.

3.3.4 Software Implementation.

When the final prototype has been produced and requirements for the software have been agreed, the software will be implemented by:

- Produce detailed level design specification – this document will include all sequence diagrams and object specifications.
- producing user manual
- producing programmer documentation / guide;
- specifying the algorithms and other detailed processes to be implemented;
- develop the system;

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- undertaking unit test;

The development team is the owner of this phase.

3.3.5 System Integration Testing

When the development and unit testing of the system are completed, the test team will start the testing phase by:

- defining test scripts and test data
- preparing testing environment
- performing system test;
- producing test log;

Project Manager, Quality Manager and the test team will be the owner of this phase. Notes: There will be no deployment activities as agreed with the putative User Manager.

3.3.6 User Acceptance Testing

After the System Integration Test is done and verified as passed, the team will proceed to perform UAT by:

- Preparing test scripts and test data for UAT
- Preparing the UAT environment
- Performing UAT and record the test results
- Performing corrective actions needed to pass UAT

The Project Manager, Putative User Manager and the test team will be involved in this phase. After the UAT is completed successful, the team will document the test results and the system is considered accepted by users. Due to the nature of the project, there will not be actual user sign-off.

3.3.7 Project Report and Closure

After the development and testing of the system is completed, the team will finish the project by:

- Produce the system user guide
- Produce End of Project report
- Prepare third Project Presentation and Audit Check.

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4. Work Breakdown Structure (WBS)

The WBS will specify the list of tasks that need to be performed to successfully complete the VMS project. Together with the list of tasks, WBS also identifies the resources assigned to each tasks and the required deliverables of that activity.

The WBS is done by following these steps:

- Identifying all project deliverables
- Forming the needed tasks to deliver these items, arranging the tasks with respect to RUP methodology and Waterfall SDLC
- Assigning the corresponding resources based on the required deliverables,

4.1 WBS Legends

Roles	Resources
Project Manager - PM	Dio
Quality Manager - QM	Peishan
Technical Lead - TL	Zaw
Development Lead - DL	Feng Yan
Business Analyst Lead - BAL	Thida
Business Analyst - BA	Hazel
Test Lead - TSL	Jifa
Developer - DEV	All members
Putative User Manager - UM	Dio, Peishan

Table 3 – WBS Legends (Roles)

Deliverables	Abbreviation
Design Specifications	DS
Functional Specifications	FS
Project Management Plan	PMP
Project Report	PR
Prototyping Study Report	PRS
Quality Plan	QAP
Test Documentation	TD
Use Case Model Survey	UCMS
Use Case Realization Report	UCRR
User Requirement Specifications	URS

Table 4 – WBS Legends (Deliverables)

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4.2 WBS Details

No.	Activity	Resources	Deliverables
1.	Project Planning		
1.1.	Produce Project Plan	PM	PMP
1.2.	Review Project Plan	PM, QM	PMP (final)
1.3.	Produce Quality Plan	QM	QAP
1.4.	Review Quality Plans	PM, QM	QAP (final)
1.5.	Prepare first Audit & Presentation	QM, PM, BL	First PR
1.6.	Setup Filing System	QM	Filing system
2.	Requirement Analysis		
2.1.	Research Requirements	PM, BA, BAL	
2.2.	Produce User Requirements Specifications	BA, BAL	URS
2.3.	Review User Requirement Specifications	PM, QM, BAL	URS (final)
3.	Analysis Modeling		
3.1.	Identify Analysis Objects/Ops/Attributes	BAL, TL, DL	
3.2.	Produce Class/Collaboration Diagrams	BAL, TL, DL	
3.3.	Produce User Case Model Survey (Analysis)	BAL, TL, DL	UCMS (Analysis)
3.4.	Write Use Case Realization Report (Analysis)	BAL, TL, DL	UCRR (Analysis)
3.5.	Review & Finalize Use Case Realization Reports (Analysis)	QM, BA, BAL	UCRR (Analysis - final)
3.6.	Produce UI Specification	TL, DL	UI Specs
3.7.	Review UI Specifications (2 rounds)	TL, PM, UM	UI Specs (final)
3.8.	Produce Prototype UI	TL, DL	Prototype
3.9.	Review Prototype UI (2 rounds)	TL, PM, UM	Prototype (final)
3.10.	Produce Prototyping Study Report	TL, DL, PM	Prototyping Report
3.11.	Produce FS based on UCRR and Prototype UI	TL, DL	FS
3.12.	Review FS	TL, QM, PM	FS (final)
3.13.	Produce High-level DS	TL, DL	High-level DS
3.14.	Review High-level DS	TL, QM, PM	High-level DS (final)

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3.15.	Prepare second Audit & Presentation	PM, QM, TL	Second PR
4.	Design Modeling		
4.1.	Adjust objects to implementation architecture	TL, DL	
4.2.	Define Object Associations	TL, DL	
4.3.	Produce Sequence Diagrams	TL, DL	Sequence Diagrams
4.4.	Specify Object Attributes/Operations	TL, DL	Object Specifications
4.5.	Structure Object Model for Implementation	TL, DL	
4.6.	Produce detailed DS	TL, DL	Detailed DS
4.7.	Review & finalize detailed DS	PM, QM, TL	Detailed DS (final)
5.	Software Implementation		
5.1.	Implement Code Components	TL, DL, DEV	System code
5.2.	Peer Review and Unit Test	TL, DL, DEV	Unit test results
5.3.	Integrate System Modules	TL, DL, DEV	Integrated System code
6.	System Integration Testing		
6.1.	Identify Integration Test Approach and Test Plan	PM, TSL, TL	Test plan
6.2.	Review & finalize Integration and Test Plan	PM, TSL, TL	Test plan (final)
6.3.	Identify Test Cases based on Use Cases, prepare test script	TSL, TL	Test cases
6.4.	Implement Test Environment	TL, TSL	Test environment
6.5.	Prepare test data	BA, BAL	Test data
6.6.	Perform System Test	TSL, TL	Test results
6.7.	Additional Testing: stress test, performance test	TSL, TL	Test results
6.8.	Analyze Results and Correct Defects	PM, TSL, TL	Corrected system code, test results
7.	User Acceptance Testing		
7.1.	Prepare UAT environment	TL, DL, QM	UAT environment
7.2.	Prepare UAT data	BAL, BA	UAT data
7.3.	Conduct UAT	UM, TSL, PM, QM	UAT test results

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7.4.	Review Test Results/ Corrective Action	UM, QM, TSL, TL, DL	System code (final) & Test Results (final)
8.	Project Report and Closure		
8.1.	Produce Final Project report	PM, QM	End of PR
8.2.	Produce User Guide	TL, DL	User Guide
8.3.	Review User Guide	UM, TL, PM	User Guide (final)
8.4.	Produce Project Presentation & Audit	PM, QM	Third PR

Table 5 – WBS Details

5. Project Effort Estimation

The VMS project will follow Waterfall SDLC model through 7 phases starting from Project Planning to Final Project Report.

In each phase, there will be a number of activities to be performed and required deliverables to be produced. Each phase will also involve different resources depends on the requirement in that phase – the details will be presented in Work Breakdown Structure (WBS) in section 4.

Project Manager and Quality Manager will be involved in all phases of the project for overseeing the activities and qualities of the deliverables.

Each phase in the VMS project will be discussed in details as below.

5.1 Resource Legends

Roles	Resources
Project Manager - PM	Dio
Quality Manager - QM	Peishan
Technical Lead - TL	Zaw
Development Lead - DL	Feng Yan
Business Analyst Lead - BAL	Thida
Business Analyst - BA	Hazel
Test Lead - TSL	Jifa
Developer - DEV	All members
Putative User Manager - UM	Dio, Peishan

Table 6 – Resource Legends

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EFFORT ESTIMATION (man-day)								
	Activity Description	Dio (PM)	Peishan (QM)	Thida (BAL)	Hazel (BA)	Zaw (TL)	Feng Yan (DL)	Jifa (TSL)
1	Project Planning							
1.1.	Produce Project Plan	4						1.5
1.2.	Review Project Plan	1.5	1.5					
1.3.	Produce Quality Plan		4					
1.4.	Review Quality Plans	1	1					
1.5.	Prepare first Audit & Presentation	2	2					
2	Requirement Analysis							
2.1.	Research Requirements	2.5		5.5	5.5			
2.2.	Produce User Requirements Specifications			3	2.5			
2.3.	Review User Requirement Specifications	2.5	2.5	2				
3	Analysis Modeling							
3.1.	Identify Analysis Objects/Ops/Attributes			1		1	1	
3.2.	Produce Class/Collaboration Diagrams			1		1	1	
3.3.	Produce User Case Model Survey (Analysis)			1		1	1	
3.4.	Write Use Case Realization Report (Analysis)			1		1	1	
3.5.	Review & Finalize Use Case Realization Reports (Analysis)	1	1	1		1		
3.6.	Produce UI Specification					1	1	
3.7.	Review UI Specifications (2 rounds)	1	1			1		
3.8.	Produce Prototype UI					1	1	
3.9.	Review Prototype UI (2 rounds)	1	1			1		
3.10.	Produce Prototyping Study Report	1				1	1	
3.11.	Produce FS based on UCRR and Prototype UI					1	1	
3.12.	Review FS	1	1			1		

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3.13.	Produce High-level DS					1	1	
3.14.	Review High-level DS	1	1			1		
3.15.	Prepare second Audit & Presentation	1	1			1		
4	Design Modeling							
4.1.	Adjust objects to implementation architecture					1	1	
4.2.	Define Object Associations					1	1	
4.3.	Produce Sequence Diagrams					1	1	
4.4.	Specify Object Attributes/Operations					1	1	
4.5.	Structure Object Model for Implementation					1	1	
4.6.	Produce detailed DS					1	1	
4.7.	Review & finalize detailed DS	1	1			1		
5	Programming							
5.1.	Implement Code Components	5	5	10	20	5	20	15
5.2.	Peer Review and Unit Test	5	5	5	5	5	5	5
5.3.	Integrate System Modules	5	5	10	5	10	10	5
6	Integration System Test							
6.1.	Identify Integration Test Approach and Test Plan	1				1		2,5
6.2.	Review & finalize Integration and Test Plan	1				1		1.5
6.3.	Identify Test Cases based on Use Cases, prepare test script					5		5
6.4.	Implement Test Environment					1		1
6.5.	Prepare test data			4.5	4.5			
6.6.	Perform System Test					1		1
6.7.	Additional Testing: stress test, performance test					1		1
6.8.	Analyze Results and Correct Defects	1				1		1
7	User Acceptance Testing							
7.1.	Prepare UAT environment		1			1		1
7.2.	Prepare UAT data			4.5	4.5			

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7.3.	Conduct UAT	5	5					5
7.4.	Review Test Results/ Corrective Action	1	1			1	1	1
8	Project Report and Closure							
8.1.	Produce Final Project report	1	1					
8.2.	Produce User Guide					1	1	
8.3.	Review User Guide	1	1			1		
8.4.	Produce Project Presentation & Audit	1	1					
	Individual total	48.5	43	49.5	47	57	52	44
	Project Total	341						

6. Project Milestones and Timeline

Major milestones have been identified, as shown in the below figure:

No.	Activity	Approx. start date	Approx. end date
1.	Project Planning		
1.1.	Produce Project Plan	21 Jan 2011	02 Apr 2011
1.2.	Produce Quality Plan	21 Jan 2011	02 Apr 2011
1.3.	Prepare First Audit & Presentation	28 Mar 2011	09 Apr 2011
2.	Requirement Analysis		
2.1.	Produce User Requirements Specifications	22 Jan 2011	02 Apr 2011
3.	Analysis Modeling		
3.1.	Produce Functional Specifications : UCMS and UCRR (Analysis)	10 Apr 2011	07 Jul 2011
3.2.	Produce High-level Design Specifications	1 Jul 2011	1 Aug 2011
3.3.	Produce Prototyping Study Report	10 Apr 2011	12 Jun 2011
3.4.	Prepare Second Audit & Presentation	01 Aug 2011	12 Aug 2011
4.	Design Modeling		
4.1.	Produce detailed DS	02 Aug 2011	13 Sep 2011
5.	Software Implementation		
5.1.	Produce System Code	14 Sep 2011	26 Nov 2011
5.2.	Integrate System Code	14 Sep 2011	26 Nov 2011
6.	System Integration Testing		
6.1.	Produce SIT plan, test script and test data	13 Aug 2011	13 Sep 2011
6.2.	Perform System Integration Test and corrective actions	27 Nov 2011	11 Dec 2011
7.	User Acceptance Testing		
7.1.	Prepare UAT plan, test script and test data	13 Aug 2011	13 Sep 2011
7.2.	Perform UAT	12 Dec 2011	30 Dec 2011
8.	Project Report and Closure		
8.1.	Produce Final Project report	20 Dec 2011	07 Jan 2012
8.2.	Produce User Guide	13 Aug 2011	07 Jan 2012
8.3.	Produce Project Presentation & Audit	20 Dec 2011	07 Jan 2012

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Table 7 – Project Milestones and Timeline

7. Project Deliverables

Major milestones have been identified, as shown in the below figure:

By undertaking the work described in this plan, the following deliverables will be produced by the project:

- Project Plan.
- Quality Plan.
- User Requirement Specifications.
- First Presentation and Audit
- Functional Specification: Use Case Model Survey and User Case Realization Report (Analysis) – one per use case
- High-level Design Specifications: Proposed Software Architecture and Transition Strategy from Analysis to Design
- Prototyping Study Report
- Second Presentation and Audit
- Detailed Design Specifications
- Source and Executable Code.
- Test Plan and other test documents
- User Guide
- End of Project Report
- Final Project Presentation

8. Resources

The supporting resources required to enable the project team to undertake the activities specified in Section 4 (WBS) are described as below:

8.1 Computer Hardware and Software

The team will use these following hardware and software during the whole project timeline:

- Laptop or desktop with Windows environment
- Eclipse IDE
- Java Programming Language

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- Hibernate Framework
- Spring Framework
- Microsoft SQL Server
- Microsoft Office
- And other components required for the VMS development.

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ANNEX A Effort Estimation based on Function Point Counter (FPC) & COCOMO

VMS Estimate - Detail Report				
Costar 7.02	04/02/2011	14:22:12	Page: 1	
Estimate Name:	VMS Estimate	Estimate ID:		
Model Name:	COCOMO II 2000	Model ID:	2000	
Process Model:	COCOMO II Model	Phases:	Waterfall	
Component Name:	VMS	Component ID:		
Increment:	1	Level:	1	
Developed Size:	9,127	EAF:	0.6555	
Phase	Effort (Person-Months)	Cost (K\$)	Duration (Months)	Staffing
RQ -- Requirements	1.5	0.0	1.8	0.9
PD -- Product Design	3.7	0.0	2.5	1.5
DD -- Detailed Design	5.7	0.0	2.2	2.6
CT -- Code & Unit Test	7.7	0.0	2.9	2.6
IT -- Integration & Test	4.9	0.0	2.3	2.1
Development (PD+DD+CT+IT)	21.9	0.0	9.8	
Totals (RQ+PD+DD+CT+IT)	23.5	0.0	11.6	
MN -- Maintenance (per year)	0.0	0.0		0.0

VMS Estimate - Effort Report						
Costar 7.02		04/02/2011		14:14:05		Page: 1
Estimate Name:	VMS Estimate			Estimate ID:		
Model Name:	COCOMO II 2000			Model ID:	2000	
Process Model:	COCOMO II Model			Phases:	Waterfall	
Effort per Component (Person-Months)						
Component Name	RQ	PD	DD	CT	IT	Total RQ to IT
VMS	1.5	3.7	5.7	7.7	4.9	23.5
Effort Summary						
Component Totals	1.5	3.7	5.7	7.7	4.9	23.5
Grand Total	1.5	3.7	5.7	7.7	4.9	23.5

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VMSEstimate - Cost Driver Report																			
Costar 7.02					04/02/2011					14:10:23					Page: 1				
Estimate Name: VMSEstimate										Estimate ID:									
Model Name: COCOMO II 2000										Model ID: 2000									
Process Model: COCOMO II Model										Phases: Waterfall									
Component Name		EAF	A C A P	A P E X	C P L X	D A T A	P C A P	R E L Y	R U S E	S C E D	S T O R	T I M E	T O O L	P L E X	L T E X	P C O N	S I T E	P V O L	D O C U
Component1		0.5769	N	H	L	L	N	L	N	N	N	N	N	H	N	N	N	N	N

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Volunteer Management System (VMS)	Version: 1.0
Project Plan	

ANNEX B Risk Questionnaire

No.	Risk Item	Impact						Likelihood					
		1	2	3	4	5	Total	1	2	3	4	5	Total
1	No Project management skill set		x	x	x		3	x		x	x		3
2	Unsure of technology / development platform	x	x				1			x	x		2
3	Staffing	x	x	x			2			x	x		2
4	Unsure whether is there a need to integrate			x			1				x	x	2
5	No Domain Knowledge		x	x	x		3			x		x	2
6	Technical Skill <integration>		x	x	x	x	4				x	x	2
7	Support both east regional operation		x	x			2		x	x	x		3
8	User Interface										x		1

Impact Legend

- 1: Reduced Functionality
- 2: Increased Cost
- 3: Schedule Slippage
- 4: Quality Cost
- 5: Performance

Likelihood Legend

- 1 : Novelty
- 2: Product History
- 3: Project Team History
- 4: Recognised Authority
- 5: Expectation

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ANNEX C List of Prioritized Tasks and Risk Management Techniques

S/N	Risk Item	Control Type	Specific Details
1	No Project management skill set	Risk Localization Risk Insurance	On the job training Shadowing a few people sharing the responsibilities
2	Unsure of technology / development platform	Risk Localization Risk Insurance	Crete prototyping between the technologies Break down into different components to try. E.g.. UI components
3	Staffing	Risk Insurance	Backup each other
4	Unsure whether is there a need to integrate	Risk Avoidance	Check & confirm with the client
5	No Domain Knowledge	Risk Transfer Risk Localization	Based on input from the user gather information from user
6	Technical Skill <integration>	Risk Localization	Do prototyping to integrate with the system to ensure that communication can be established

ANNEX A Amendment History

This is a record of all amendments made to the Document.

Version	Chapter / Section	Page No	Notes of Amendments or Changes
2.	2.2	3	<ul style="list-style-type: none"> Amendments to the statement in point 1.
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