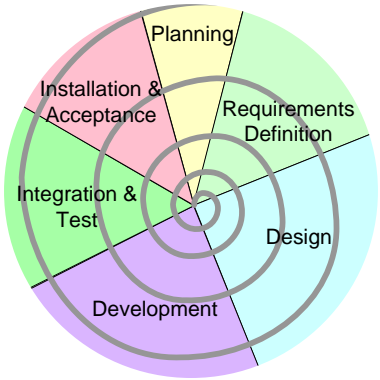


Component Iteration Plan

Customer Management Component

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GLOSSARY OF PROJECT-SPECIFIC TERMS	
Glossary of Software Engineering Terms	A standard Glossary of Software Engineering Terms is maintained separately.
Glossary of Project-Specific Terms	A common Glossary of Project-Specific Terms is maintained on the project Web site.

PLAN

The purpose of this document is to describe the goals associated with the BOTS Customer Management Component. A Component Iteration Plan (CIP) is essentially a very small, limited project plan that describes the scope of a specific iteration of the software development lifecycle for the component under development. The CIP inherits the system-level goals, risks, approaches, and constraints of the parent SPMP.

A component is a specific set of related functions that naturally form a cohesive working unit within the overall software application. Iterations are focused efforts intended to produce a fully documented, developed, and tested set of subcomponents associated with the component. The full functionality of a component is usually developed over one to six iterations, depending on the size and complexity of the component.

ITERATION

This is the first iteration of the software development lifecycle for this component. The objective is to provide the ability to enter and update customer information, including names, addresses, and demographics. Later versions of BOTS CUST will allow managers to view graphics summarizing customer demographics.

COMPONENT PRIMARY REPRESENTATIVES

PRIMARY END-USER REPRESENTATIVE (PER)

Joe Bolton will act as the primary point of contact and interface to SysAcronym end-users for this component. The PER will work directly with the Primary Developer Representative to identify subject matter experts, coordinate meetings, conduct reviews, and track identified issues, consolidating and coordinating the responses of all end-users into a cohesive set of communications.

PRIMARY DEVELOPER REPRESENTATIVE (PDR)

Joe Smith will act as the primary point of contact and interface to the development team for this component. The PDR will work directly with the Primary End-user Representative to coordinate meetings, conduct reviews, and track identified issues. In addition, the PDR will be responsible for project tracking, customer communications, and insuring that defined standards for software quality assurance and configuration management are met.

GOALS

The goals associated with this component are linked to the parent SPMP. Each component goal is related to a specific goal in the SPMP, but not all SPMP goals are necessarily covered by component goals. For example, CG1-G1 identifies component Goal CG1, and indicates it is related to Goal G1 in the parent SPMP.

CG1-G1

100

Client/server RDBMS

Provide a graphical user interface into an Oracle Relational Database Management System (RDBMS) for SysAcronym users. The database engine will provide the standard features expected of a RDBMS, including data transfer, storage, bulk modification of data, relationship management and access control. End users will connect to the RDBMS via a graphical user interface client, query and reporting tool, or web browser, as appropriate to the task.

CG2-G2

25

Access control

Restrict access to SysAcronym data to specified sets of authorized users.

CG3-G3

200

Manage operational data

Provide the ability to enter, update, and maintain operational data, such as customer addresses and demographics, as well as lists of values used to populate drop-down lists and other user interface devices.

CG4-G3

25

Searching

Provide the ability to periodically query the database using *ad hoc* and/or standardized (pre-built) queries.

CG5-G3

25

Reporting

Provide the ability to periodically query the database and generate *ad hoc* and/or standardized reports.

CG6-G3

25

Operations

Provide the ability to periodically initiate pre-developed batch operations to assist the user in business process execution.

CG7-G3

25

Data export

Transfer data to Microsoft Excel for other uses and analyses.

ANALYSIS LISTINGS

The following listings are automatically maintained by the word processor for this document. They are of use only to systems analysts when verifying requirements traceability across documents and tracking project size.

CG1-G1
CG2-G2
CG3-G3
CG4-G3
CG5-G3
CG6-G3
CG7-G3

100
25
200
25
25
25
25