

COSC 5030 – Agile Software Development

Project Proposal

Project Description

Project Title	SAS Application Management System (SAMS)
Developers	Kurt Andrews and Brian Royer
Language	C++
Project Description	<p>The SAS Application Management System will allow developers and managers maintain data about developers, projects, teams, programs that will be used to configure paging, notification, and environment defaults for applications running in A SAS environment. The data also keeps track of processes during execution. The data captured includes the start and end times of the process as well as the process status during execution. SAMS does not create this process data, but SAMS should provide an interface for viewing and querying the data.</p>

Suggested Initial Feature List

Need	Priority	Features	Planned Release
Manage Employees	High	<ul style="list-style-type: none">• Add employee• Change employee• Remove employee	
Manage Teams	High	<ul style="list-style-type: none">• Add team• Change team• Remove team	
Manage Subscriptions (support notifications and user notifications)	High	<ul style="list-style-type: none">• Add Subscriptions• Change Subscriptions• Remove Subscriptions	
Manage Programs	High	<ul style="list-style-type: none">• Add program• Change program• Remove program	
Manage Projects	High	<ul style="list-style-type: none">• Add project• Change project• Remove project	
Manage Applications	High	<ul style="list-style-type: none">• Add application• Change Application• Remove Application	
Simulate Events	High		
View Events	Low	<ul style="list-style-type: none">• Display event log• Query event log	

Feature Time Log

Team Velocity: 15

Feature	Estimate (Hours)	Actual (Hours)	Date Implemented
Manage Employees	Total: 15	Total: 15	Released: 1/16/2012
• Add employee	• 3	• 3	1/14/2012
• Change employee	• 3	• 3	1/14/2012
• Remove employee	• 5	• 5	1/15/2012
• Display employee	• 2	• 2	1/14/2012
Requested Release: 1/16/2012			
• Added full-time attribute	• 1	• 1	1/20/2011
Requested Release: 1/23/2012			
• Full-time employees have a benefit account	• 7	• 7	2/1/2012
• Withdraw/Deposit	• 3	• 2	2/4/2012
Requested Release: 2/6/2012			
• Temp employee	• 4	• 6	3/4/2012
• Address class	• 2	• 2	3/4/2012
Requested Release: 3/5/2012			
Manage Applications	Total: 12	Total: 10	Released: 2/24/2012
• Add application	• 2	• 1	2/23/2012
• Change Application	• 2	• 2	2/23/2012
• Remove Application	• 3	• 2	2/23/2012
• Display Application	• 1	• 1	2/23/2012
• External class modifications	• 4	• 4	2/24/2012
Requested Release: 2/27/2012			
• High Security vs Low Security Applications	• 5	• 4	3/2/2012
Requested Release: 3/5/2012			

Feature	Estimate (Hours)	Actual (Hours)	Date Implemented
Manage Teams	Total: 17	Total: 16	Released:
<ul style="list-style-type: none"> Add team Change team Remove team Display team 	<ul style="list-style-type: none"> 3 3 5 2 	<ul style="list-style-type: none"> 4 2 4 2 	1/30/2012 1/30/2012 1/30/2012 1/30/2012
Requested Release: 1/23/2012 (delayed)	(Fix) 4	4	
<ul style="list-style-type: none"> International Team <ul style="list-style-type: none"> Member join date Domestic Team 	<ul style="list-style-type: none"> 3 2 1 	<ul style="list-style-type: none"> 4 3 1 	2/17/2012 2/17/2012 2/16/2012
Requested Release: 2/20/2012			
<ul style="list-style-type: none"> International Team consists of only Full Time Employees 	2	1	2/24/2012
Requested Release: 2/27/2012			
<ul style="list-style-type: none"> International Team can only support low security applications 	2	2	3/3/2012
Requested Release: 3/5/2012			
Manage Projects	Total: 12	Total: 9	Released: 2/13/2012
<ul style="list-style-type: none"> Add project Change project Remove project Display project 	<ul style="list-style-type: none"> 3 3 3 3 	<ul style="list-style-type: none"> 3 2 3 1 	2/9/2012 2/9/2012 2/10/2012 2/10/2012
Requested Release: 2/13/2012			
Manage Programs	Total: 6	Total: 4	Released: 1/30/2012
<ul style="list-style-type: none"> Add program Change program Remove program Display program 	<ul style="list-style-type: none"> 2 1 2 1 	<ul style="list-style-type: none"> 1 1 1 1 	1/28/2012 1/28/2012 1/28/2012 1/28/2012
Requested Release: 1/30/2012			

Feature	Estimate (Hours)	Actual (Hours)	Date Implemented
Manage Subscriptions	Total: 8	Total:	Released: TBA
<ul style="list-style-type: none"> Add subscription Change subscription Remove subscription 	<ul style="list-style-type: none"> 3 2 3 	<ul style="list-style-type: none"> 	
Simulate Events	Total: 12	Total:	Released: TBA
View Events	Total: 10	Total:	Released: TBA
<ul style="list-style-type: none"> Display Event Log Query Event Log 	<ul style="list-style-type: none"> 4 6 	<ul style="list-style-type: none"> 	
Data Persistence	Total: 6	Total: 5	Released: 1/30/2012
<ul style="list-style-type: none"> Employee Team Program 	<ul style="list-style-type: none"> 2 2 2 	<ul style="list-style-type: none"> 2 2 1 	1/26/2012 1/30/2012 1/28/2012
Requested Release: 1/30/2012			

