

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 <ul style="list-style-type: none"> Add employee Change employee Remove employee Display employee Edit: Added full-time attribute 	Total: 15 <ul style="list-style-type: none"> 3 3 5 2 1 	Total: 15 <ul style="list-style-type: none"> 3 3 5 2 1 	Released: 1/16/2012 1/14/2012 1/14/2012 1/15/2012 1/14/2012 1/20/2011 (Released 1/23/2012)
Manage Teams <ul style="list-style-type: none"> Add team Change team Remove team Display team Requested Release: 1/23/2012 (delayed) International Team <ul style="list-style-type: none"> Member join date Domestic Team Requested Release: 2/20/2012 International Team consists of only Full Time Employees Requested Release: 2/27/2012 	Total: 17 <ul style="list-style-type: none"> 3 3 5 2 (Fix) 4 3 2 1 2 	Total: 16 <ul style="list-style-type: none"> 4 2 4 2 4 4 3 1 1 	Released: 1/30/2012 1/30/2012 1/30/2012 1/30/2012 2/17/2012 2/17/2012 2/16/2012 2/24/2012
Manage Applications <ul style="list-style-type: none"> Add application Change Application Remove Application Display Application External class modifications 	Total: 12 <ul style="list-style-type: none"> 2 2 3 1 4 	Total: 10 <ul style="list-style-type: none"> 1 2 2 1 4 	Released: 2/24/2012 2/23/2012 2/23/2012 2/23/2012 2/23/2012 2/24/2012

Feature	Estimate (Hours)	Actual (Hours)	Date Implemented
Manage Projects <ul style="list-style-type: none"> Add project Change project Remove project Display project Requested Release: 2/13/2012	Total: 12 <ul style="list-style-type: none"> 3 3 3 3 	Total: 9 <ul style="list-style-type: none"> 3 2 3 1 	Released: 2/13/2012 2/9/2012 2/9/2012 2/10/2012 2/10/2012
Manage Programs <ul style="list-style-type: none"> Add program Change program Remove program Display program Requested Release: 1/30/2012	Total: 6 <ul style="list-style-type: none"> 2 1 2 1 	Total: 4 <ul style="list-style-type: none"> 1 1 1 1 	Released: 1/30/2012 1/28/2012 1/28/2012 1/28/2012 1/28/2012
Manage Subscriptions <ul style="list-style-type: none"> Add subscription Change subscription Remove subscription 	Total: <ul style="list-style-type: none"> 	Total: <ul style="list-style-type: none"> 	Released: TBA
Simulate Events	Total:	Total:	Released: TBA
View Events <ul style="list-style-type: none"> Display Event Log Query Event Log 	Total: <ul style="list-style-type: none"> 	Total: <ul style="list-style-type: none"> 	Released: TBA
Data Persistence <ul style="list-style-type: none"> Employee Team Program Requested Release: 1/30/2012	Total: 6 <ul style="list-style-type: none"> 2 2 2 	Total: 5 <ul style="list-style-type: none"> 2 2 1 	Released: 1/30/2012 1/26/2012 1/30/2012 1/28/2012
Manage Full-Time Employee Benefits <ul style="list-style-type: none"> Benefit account Withdraw/Deposit Requested Release: 2/6/2012	Total: 10 <ul style="list-style-type: none"> 4 6 	Total:10 <ul style="list-style-type: none"> 3 7 	Released: 2/6/2012 2/1/2012 2/4/2012

