Contents

Introduction

The below document enlists the effort estimate and work breakdown structure for the ACH Works Integration in Salesforce for the use cases shared by Abraham as mentioned below.

1. Credit – Sending Funding to Merchants, Paying commissions to sales reps, ISOS
2. Debit – getting payments from Merchants, either payback or payment of fees
3. Ability to Schedule payments
   - Weekly – One payment on a single day of the week. Monday, Tuesday, Wednesday, Thursday, Friday
   - Daily – Payments on week days
4. System should be able to handle bounces and errors
5. Should roll up total bounces or issues.
6. Ability to refund payment or make adjustments to Refund payments - Adjustments

Work Breakdown Structure and Effort Estimate

Sr. No.	Project Phase	%	Efforts (Hrs)
1	Project Management	4%	6
2	RA & Solution Design	8%	11
3	Development & Unit testing	70%	97
4	Integration and System Testing	15%	21
5	Deployment & Documentation	3%	4
6	UAT Support, Go-Live	0%	0
7	Live rollout support [warranty period 2 weeks]	0%	0
Total Project Efforts		100%	**139**

Activity	Total Effort	Weekly/Monthly Schedule		
		W1	W2	W3
Project Management	6	2	2	2
RA & Solution Design	11	11		
Development	97	28	69	
Integration and System testing	21			21
Deployment & Documentation	4			4
UAT Support, Go-Live	0			
Live rollout support	0			
Total	**139**	41.0	71.0	27.0

#	Item Description	Solution Overview	Development Efforts(Hrs)	Assumptions
1	Data Model Changes	Creating additional objects / fields required to hold the necessary information	4	
2	ACH WSDL Consumption	Consuming the SOAP WSDL to generate Apex classes by modifying the SOAP endpoint and port binding in WSDL	1	
3	Performing Credits to Merchants, Paying Commissions, Sales Reps and ISOs	User interface with the ability to provide onetime payment details and Apex controller code to perform the callouts to the ACH works service	18	Assumes that a single payment would be done manually by User using the custom developed user interface
4	Performing Debits to getting payments from Merchants, either payback or payment of fees	User interface with the ability to provide onetime payment details and Apex controller code to perform the callouts to the ACH works service	16	Assumes that a single payment would be done manually by User using the custom developed user interface
5	Ability to Schedule Payments	Visualforce Page to schedule a payment and Batch Job to execute onetime payment as scheduled - Daily / Weekly	30	

6	Performing Refunds	User interface to select the transaction to reverse and perform a callout to perform credit	14	Assumes it is the same as performing a credit. The ACH Works does not have a direct ability to refund or reverse the payments
7	Test Code Development	Apex test code for the developed business logic	14	
Total Effort (Hrs.)			**97**	