User Stories Applied

For Agile Software Development

XP/Agile Universe August 11 and 13, 2003 By Mike Cohn

Mountain Goat

























































































se	User stor	y / role	matrix	X	
l Person		Book Simple Trips	Save and reuse trips	Booking reports	Research
Roles and	Frequent Flier	V			\checkmark
User	Repeat Traveler	1	\checkmark		
	Scheduler	1	\checkmark		\checkmark
	Insider			1	
	Vacation Planner	\checkmark			\checkmark
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Estimati	Estimator	Round 1	Round 2
ches to I	Susan	4	4
Approac	Jody	7	5
	Ann	2	4
	Sherri	4	4





























Mountain Goat



es —	Full	exa	mp)](e of j	plar	nniı	ng a re	lease	
Stori	Story	50%	90%	, D	(90%—50%) ²]			
User	Story 1	2	5		9 4 0 1089		$117 + \sqrt{1089} = 117 + 33 = 150$			
with	Story 2	3	5)
ning										
Plan	Total	117	200							
							-			
		Develo	per	lte	ration 1	Iterati	on 2	Iteration 3	Thereafter	
		Susan		.5		.6		.7	.7	
		Ann		.5		.5		.5	.5	
		Randy		.2		.3		.4	.4	
		Clark				.2		.3	.4	
		Vlade		.5		.6		.7	.7	
		Chris		.8		.9		1.0	1.0	
		Total		2.5	i	3.1		3.6	3.7	
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	Т	wo problems					
		Tests were tied to the	e old user interface				
fudy		Like the use cases th	e tests were too detailed for				
lse S		everyday use					
Ca		Had to read too many steps to understand them					
		Step	Result				
		Open the formula editor					
		Type floor(2 * age)					
		Press "check formula"	Message "Formula is OK" is displayed				
		Type floor(2 * age					
		Press "check formula"	Message "Invalid formula" is displayed				
		Type floor 2 * age)					
		Press "check formula"	Message "Invalid formula" is displayed				
		Type floor ((2 * age))					
-		Press "check formula"	Message "Formula is OK" is displayed				
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	An example	e		
1	Step	Result]	
	Open the formula editor			
	Type floor(2 * age)			
	Press "check formula"	Message "Formula is OK" is displayed		
	Type floor(2 * age			
	Press "check formula"	Message "Invalid formula" is displayed	lleer can add	
	Type floor 2 * age)		parentheses to a	
	Press "check formula"	Message "Invalid formula" is displayed	formula.	
	Type floor ((2 * age))			
2	Press "check formula"	Message "Formula is OK" is displayed		



Our only user story documentation

		ur Tew T	Σ -	romat 100	s para window map → 10 → B I U 트 프 프 国 \$ % , % 综 律 田 → 3 → A →
1 1/2 1	a 🖻 a	2 🖪 🖄	0	b 🝙 🗤 🖬	eply with Changes End Review
G	1466	-	£		
123	1400	C		F	F
	13	Owner	State	RowNum	
	14	011101	01010	11011114111	Admin
г					Admin user can create new user accounts. A user account consists of first name, last name, username,
· ·	15	NA	NI	15	password.
· ·	16	NA	NI	16	Admin user can modify existing user accounts.
· ·	17	NA	NI	17	Admin user can inactivate existing user accounts.
· ·	18	NA	NI	18	Admin user can delete data within the inactivated user account.
· ·	19	NA	NI	19	Admin user can transfer data within the inactivated user account to an existing active user account.
· ·	20	NA	NP	20	Admin user can manage permissions on all user accounts.
Ξ.	21			21	General User Functions
٢·	22	NA	NP	22	User can modify his own password.
. I.					User can assign/modify permissions on his own Data Containers/Genetic Studies. Permissions levels are:
	23	NA	NP	23	Read/Write, Read Only, and No Access.
· ·			_		User can view his permission level on data within Data Containers/Genetic Studies in other user accounts.
	24	AM Pecuireme	nte / C	24	Permussions levels are: Read/Write, Read Unity, and No Access.
Den de		Incoduirente	III C	per issues /	
Ready					







