

Sprint 4 Task Status Details Report

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Report Contents								
Rank	ID	Name	State	Plan Est	Task Est	To Do	Discussion Count	Owner
				40.0	40.0	40.0		
	US22	Perform Simulated Login	<div><div>D</div><div>P</div><div>C</div><div>A</div></div>	24.0	24.0	24.0	0	Stephen
	TA59	Modify Probability Drive to operate in realtime mode.	<div><div>D</div><div>P</div><div>C</div></div>	8.0	8.0	8.0	0	Allen
	TA60	Initiate the simulated login with a username and "password"	<div><div>D</div><div>P</div><div>C</div></div>	4.0	4.0	4.0	0	Allen
	TA61	Select environmental "conditions" for the simulation	<div><div>D</div><div>P</div><div>C</div></div>	4.0	4.0	4.0	0	Allen
	TA62	Invoke the "probability drive".	<div><div>D</div><div>P</div><div>C</div></div>	8.0	8.0	8.0	0	Allen
	US31	Generate Additional Test/Use Cases By Modulating Authentication Scores	<div><div>D</div><div>P</div><div>C</div><div>A</div></div>	16.0	16.0	16.0	0	Stephen
	TA56	Clone a test/use case many times with different values of authenticators	<div><div>D</div><div>P</div><div>C</div></div>	16.0	16.0	16.0	0	Allen
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US22: Perform Simulated Login	
General	
ID:	US22
Name:	Perform Simulated Login
Tags:	
Description:	<p>As an Experimental Tester, I need to simulate a login attempt so that we can demonstrate the tuned RMM system.</p> <p><i>In general, the overall plan for preparing "the system" to demonstrate user login attempts and the performance of the RMM is as follows:</i></p> <ul style="list-style-type: none"><i>1) Capture baseline data for each "user" that will be part of the testing.</i><i>2) Tune thresholds.</i><i>3) Demonstrate the system.</i> <p><i>This user story implements Step 3:</i> <i>With the thresholds set, testers can now perform "simulated logins" where a set of environment variables is selected and they are interactively walked through authenticators and evaluation until either a "YES" or "NO" is achieved. Full results of evaluation at each stage are displayed and captured.</i></p>
Attachments:	
Owner:	Stephen
Hierarchy	
Parent:	
Schedule	
State: Defined	Blocked: false
Ready: false	Blocked Reason:
Iteration: Sprint 4	
Plan Est: 24.0 Points	Task Est: 24.0 Hours
To Do: 24.0 Hours	
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TA59: Modify Probability Drive to operate in realtime mode.	
General	
ID: TA59	
Name: Modify Probability Drive to operate in realtime mode.	
Tags:	
Description: <i>In earlier testing, the Probability Drive was fed a full set of authenticator results at the same time as it received all environmental factors for a test. Now, the Probability Drive will not get those factors (other than password?). (Perhaps the matrix array of potential authenticator scores is still there, but empty now that we're in realtime?) If an authenticator wasn't passed in, the Probability Drive needs to be able to call it.</i>	
Attachments:	
Owner: Allen	
Task	
State: Defined	Blocked: false
Ready: false	Blocked Reason:
Estimate: 8.0 Hours	
To Do: 8.0 Hours	
Work Product: US22: Perform Simulated Login	
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TA60: Initiate the simulated login with a username and "password"	
General	
ID:	TA60
Name:	Initiate the simulated login with a username and "password"
Tags:	
Description:	<i>Accept a username and a "password" -- actually the parameters that will define the strength of the password.</i>
Attachments:	
Owner:	Allen
Task	
State:	Defined
Blocked:	false
Ready:	false
Blocked Reason:	
Estimate:	4.0 Hours
To Do:	4.0 Hours
Work Product:	US22: Perform Simulated Login
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TA61: Select environmental "conditions" for the simulation	
General	
ID:	TA61
Name:	Select environmental "conditions" for the simulation
Tags:	
Description:	<i>Select Device, Location, User Class, and Target System environmental parameters.</i>
Attachments:	
Owner:	Allen
Task	
State:	Defined
Blocked:	false
Ready:	false
Blocked Reason:	
Estimate:	4.0 Hours
To Do:	4.0 Hours
Work Product:	US22: Perform Simulated Login
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TA62: Invoke the "probability drive".	
General	
ID:	TA62
Name:	Invoke the "probability drive".
Tags:	
Description:	<i>Pass the username and password to the RMM and wait for a "Yea" or "Nay". Display results and a total response time on screen. (Also save to file?)</i>
Attachments:	
Owner:	Allen
Task	
State:	Defined
Blocked:	false
Ready:	false
Blocked Reason:	
Estimate:	8.0 Hours
To Do:	8.0 Hours
Work Product:	US22: Perform Simulated Login
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US31: Generate Additional Test/Use Cases By Modulating Authentication Scores

General

ID: US31

Name: Generate Additional Test/Use Cases By Modulating Authentication Scores

Tags:

Description: As the **Lead Experimenter**,
I need to **generate additional “synthetic” test cases**
So that we can **perform meaningful analysis** on a sufficiently large result set.

For each test/use case, we will generate a set of additional synthetic cases by varying the authentication results within boundaries established by examining the variability observed during the capture of the raw authentication results.

We will also introduce some “imposter” datasets by deliberately altering some authenticator values to be outside “acceptable” ranges.

Attachments:

Owner: Stephen

Hierarchy

Parent: US20: (EPIC) Capture Baseline Data

Schedule

State: Defined

Blocked: false

Ready: false

Blocked Reason:

Iteration: Sprint 4

Plan Est: 16.0 Points

Task Est: 16.0 Hours

To Do: 16.0 Hours

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TA56: Clone a test/use case many times with different values of authenticators	
General	
ID:	TA56
Name:	Clone a test/use case many times with different values of authenticators
Tags:	
Description:	<i>For a given baseline case, store many test/use case records using copies of the original environmental factors, but slight variations (within predetermined specifications) on the authentication scores..</i> <i>NOTE: We need to determine whether we're going to vary more than one authenticator at a time. We would also need to do the statistical analysis on the baseline cases to determine the allowable ranges.</i>
Attachments:	
Owner:	Allen
Task	
State:	Defined
Blocked:	false
Ready:	false
Blocked Reason:	
Estimate:	16.0 Hours
To Do:	16.0 Hours
Work Product:	US31: Generate Additional Test/Use Cases By Modulating Authentication Scores
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