

Speed Sprint Agenda

Friday, April 14, 2017 6:34 PM

Agenda - 4/14/2017

- Identify and remove hard coded wait times. Replace it with polling wait or other alternatives. (Pro, sel, TC)
- Drive automation through data files. Do not hardcode values in spec files. (Pro.sel,TC)
 - Identify ways to store data for test cases. Should it be maintained page wise or test case wise?
 - Should be maintained in JSON format.
 - For perforce docs folder sibling to tests folder - think about GIT.
- Initialization of grid object should be removed from spec files. Works for getting projects to be ready for Thief Grid.
- Create common utilities to verify status of components. Like isDisabled, isChecked, isSelected, isExpanded, expand(accepts parameter), collapse(accepts parameter), toggle. (Protractor)
 - Temporarily make these utilities but we want helper functions for all such scenarios.
 - Create these utilities in advance (before October Speed Sprint) so that this can be taken up in next sprint - **Communicate to Team**
- Identify and remove redundant page object functions. (Pro, sel, TC)
 - Ex: waitUntilElementAppears() in protractor, Financials project in Selenium.
- ~~Update scripts to use LintStandards—Universal Screening~~
- ~~Create separate Utils for functionalities in each window—Code Red~~
- Common convention for object reference and values in objects repo (TC) - **Speed Sprint task for Tls.**
- Convert scripts to use thief helpers.
- Common error logging pattern - **TBD**
- Identify the default wait times in scripts and replace with Global wait times - **TBD**
- Reduce time taken for initialization utilities (TC).
- Review error messages and update them to be meaningful.
- Remove the wait times from loops.
 - Looping through each element in Grids
- R&D for Protractor: Identify the scenarios where issue in first test case is affecting the second test case execution. - Not a speed sprint task
 - In-house dialog in At4
 - Model deleting in BCM - it won't affect the next test case but it will affect next run of the same test case.
- Identify infinite wait times in Test Complete scripts. (wait time -1)
- Remove **Loop** without timeout in Ruby.
- Should not have browser.get() calls except when needed.
 - No need to call the function when the intention is to open the default URL as protractor conf.js will take care of it
- Creating batch file to update registry key for svc_coderedoutlook account
- Review and remove redundant page object functions -Shiva
- R&D - Create a way to generate document for whole project in a single page.
- Create documentation for coding standards - Tls task.

Framework:

- Adding screenshots in tellus result page.

To Do:

- Identify which team is using excel, JSON and text file, come to a common conclusion.
-

Input from team

- Should not have browser.get() calls in spec files.

Speed Sprint April '17

Friday, April 14, 2017 7:36 PM

RPD View <http://is.factset.com/rpd/Default.aspx?viewid=TaggedRPDs&tagid=6381>

Focus Area	Scripts Updated			
	Analytics	Core	Platform	IS
Replace hard coded wait time with Polling delay	377	48	160	24
Adopt usage of Test Data	84	57		
Update scripts to use Thief Helpers	38			
Clean up xpath in Page object repository		34		
Update scripts to use Page Object structure		126		7

ANALYTICS

1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
2. Drive automation through data files. Do not hardcode values in spec files.
 - o Should be maintained in JSON format.
 - o For perforce docs folder sibling to tests folder, for Git docs folder inside tests repo
3. Convert scripts to use thief helpers.

Progress Report:

S.No.	Application	No. Of Test Cases	Scripter Name	Task 1 status	Task 2 status	Task 3 status
1	AT4	230	Santhoshi, Durga	Done	24	0
2	PA3	277	Priyanka, Sudha, Kiranmai	85	0	0
3	PDB	22	Shireesha	Done	Done	0
4	PLM	30	Komal	8	26	26
5	AA	41	Sruthi	12	12	12
6	BPM	89	Charuvaka	20	NA*	0

RC support - Usha, Vasavi

Ranjay - OOO

Note: * For BPM2 project we have identified that moving the common functionality to utilities will have more value/important than moving to JSON file. So we worked on updating scripts for that and completed updated 20 scrips.

CORE

CodeRed: Sruthi, Rajiv [RPD:30886330](#)

1. Updating Code Red installation utility to be feasible for all the RMS versions and adding page objects. (1 day by 1 scripiter) – Sruthi
2. Drive automation through data files. Do not hardcode values in scripts. (In Object Repo files they are already maintaining separately at top so this shouldn't take much time) – Both Rajiv(2 days) and Sruthi(1 day) will work on this.
 - o Should be maintained in JSON format/ Excel/ Text file? (Sruthi is trying if we can use JSON file)

Universal Screening: Manju, Pramod(RC support if any) [RPD:30852814](#)

1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
2. Update scripts based on Lint Standards.

Options Montage: Aswani, Prashanth [RPD:30886330](#)

1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
2. Drive automation through data files. Do not hardcode values in scripts.
 - o Should be maintained in JSON format/ Excel/ Text file? (Sruthi is trying if we can use JSON file)

IRN: Swati (OOO on Friday) [RPD:30887458](#)

1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.

Financials Cleanup:

1. Xpaths Remove duplicates (Sectionalize the xpaths according to application structure), remove tags dependency, CommonTestSteps.
2. Segments PageObjects merging [RPD:30672805](#).

S.No.	Application	No. Of Test Cases	Scripter Name	Task 1 Status	Task 2 Status
1	Code Red	126 & 47 Object Repo files	Rajiv, Sruthi	Done	23 Test scripts & 47 Object Repo files
2	Universal Screening	21	Manju	18	18
3	Universal Screening	21	Pramod	16	16
4	Options Montage	5	Aswani	Done	Not required for any Test Cases
5	Options Montage	4	Prashanth	Done	Not required for any Test Cases
6	IRN	12	Swati	7	NA
7	Industry Metrics, Pension	6, 11	Yagnya		
8	Ratio Analysis, Use of Cash	15, 11	Bindu	12	
9	Segments History	19	Rashmi	7	
10	Key Items	27	Murali	4	
11	Balance Sheet	25	Praveena	11(7 are in perforce)	
12	Financial, Company Security Page Objects	Common to all the above test cases	Shiva	Done	

RC Support - Krishnakanth, Shiva, Murali/Rashmi(if any)

PLATFORM**Tasks picked:**

- Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.

S.No.	Application	No. Of Test Cases	Scripter Name	Task 1 status
1	Charting	120 (noticed only 100 files)	Naresh , Neeraj	done
2	Formula lookup , Fact search , IL4, OA3	21	Madhavi, Swamy , Vijendar	13 in production
3	OA3 , MI, Data Check	25	Ganesh , Niharika	24 in production , 1 yet to be moved
4	File Dialogs , WorkstationTickersRealtime CPP	15	Vasu K	Done
5	FactSet Notify	11	Feroz	Done

RC Support – Swamy, Vijendar, Niharika

Internal Apps**Tasks picked:**

- Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
- Having the page object concepts in old test cases applicable only for PDIS

People working on Speed Sprint (application name - number of test cases – people assigned)

S.No.	Application	No. Of Test Cases	Scripter Name	Status	Notes
	RPD	20 (noticed only 7 test cases)	Gireesh	Done	Updates the 7 tests cases with PO concepts and replaced hardcoded delay
	Salesforce	20 (updated 17 test cases)	Vasavi	Done	Updated 17 test cases and util functions to replace hardcoded delays with poling or other alternatives

Chaithanya - OOO

No RC for IS

Speed Sprint July '17

Wednesday, May 31, 2017 5:32 PM

Analytics:

1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
2. Drive automation through data files. Do not hardcode values in spec files.
 - o Should be maintained in JSON format.
 - o For perforce docs folder sibling to tests folder, for Git docs folder inside tests repo.
3. Identify and remove redundant page object functions.
 - o Ex: waitUntilElementAppears() in protractor, Financials project in Selenium.

Core:

1. Drive automation through data files. Do not hardcode values in spec files.
 - o Should be maintained in JSON format.
 - o For perforce docs folder sibling to tests folder, for Git docs folder inside tests repo
 2. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives (for Code Red).
 3. Identify and remove redundant page object functions.
 - o Ex: waitUntilElementAppears() in protractor, Financials project in Selenium.
- **CodeRed: Sruthi, Rajiv** [RPD:32840165](#)
 1. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
 2. Add verification code wherever missing.
 3. Update error messages if they aren't proper.
 4. Update all plugin test cases with pageobjects available in common plugin object repo files.
 - **Options Montage: Prashanth** [RPD:32858199](#)
 - o Update existing utilities: - Thursday
 - Getting only visible row values in Options Montage Bottom window.
 - UtilsFactsetWorkstation.SaveWorkspace() to work on all FactSet versions.
 - **IRN: Swati, Ramya**
 - o Not participating in Speed sprint as they are working on updating scripts because of application enhancements.
 - **Universal Screening: Bindu, Pramod**
 - o Not participating in speed sprint, they are working on moving Universal Screening scripts to GIT.

S.No.	Application	No. Of Test Cases	Scripter Name	Status
1	Code Red	129 scripts, 12 utils & 48 Object Repo files	Rajiv, Sruthi	Completed 40 scripts
4	Options Montage	2 Utilities and related scripts	Prashanth	Completed

- **Financials - Yagnya, Krishnakanth, Murali, Praveena,**
 - o Identify and remove redundant page objects
 - o Update the old financial scripts to make use of latest utilities
 - o Update the Financials test cases to run on Workstation and Chrome(FPE and SGE)
- **Financials Speed Sprint Status(Includes supporting files like Page objects, Utilities)**

S.NO	Application	No of updated test cases	Scripter	Status
1	Pension	9	Yagnya	In production
2	Segments	5	Rashmi	In production
3	Key Items	4	Murali	In production
4	Balance Sheet	10	Praveena	In production
5	Cash Flow	9	Krishnakanth	In production

IS:

1. Identify and remove redundant code.
2. Add verification code wherever missing
3. Map the objects with test cases in Excel sheet to identify the changes with release (SF)
4. Handling exceptions for **browser.close**. Use common utility for this (CloseWorkStationAndBrowser)

S.No.	Application	No. Of Test Cases	Scripter Name	# of test cases update	Status
1	RPD	49	Gireesh		
2	QAI	63	Gireesh		
3	SalesForce	74	Vasavi, Venkata Chaithanya		

Platform Automation :

Planned :

1. Drive automation through data files. Do not hardcode values in spec files.
 - Should be maintained in JSON format.
 - For perforce docs folder sibling to tests folder, for Git docs folder inside tests repo
2. Add verification code wherever missing.
3. Identify and remove hard coded wait times. Replace it with polling wait or other alternatives (Sel, TC).
4. Handling exceptions for **browser.close**. Use common utility in test cases (Sel)
5. Working on making changes to all my scripts for the Custom QA Attributes Project (Paul A)

Final Status :

- Tracking [RPD:32859995](#)

Scripter	Task	No of files	Application	Project Type	Status	Impact
Niharika	<ul style="list-style-type: none">• Drive automation through data files. Do not hard code values in spec files.	5	Market Intelligence	Protractor	Changes still in local, Once after RPD:32759365 is resolved we can test and move changes to production.	<ul style="list-style-type: none">• Separation of data members from script files can let us to make use of them across multiple script files rather creating duplicates in files individually.
Vijendar	<ul style="list-style-type: none">• Handling exceptions for browser.close. Use common utility in test cases (Selenium)• Add return false after test step failure to avoid execution of dependent steps execution. (no need to add return false if there are no dependent steps following)	11	FactSet Notify	Selenium	Changes Moved to Production	<ul style="list-style-type: none">• Exceptions while closing browser instance can be handled.• Reduces test execution time by skipping all dependent steps execution if there are any failures in executing step.
Ganesh	<ul style="list-style-type: none">• Decrease the execution time by adding timeout parameter to utils In negative testing scenario	8	Shortcut manager	Test Complete	Changes Moved Production	<ul style="list-style-type: none">• Decrease in execution time nearly 30 minutes from 2 test plans.
Vasu K	<ul style="list-style-type: none">• Identify and remove hard coded wait times. Replace it with polling wait or other alternatives	11 (Replaced all the possible hard coded delays with the dynamic polling ,as few of them are not worked)	Formula Look Up	Protractor	Changes Moved Production	<ul style="list-style-type: none">• Reduces intermittent failures due to delay in app loading after converting static wait times to dynamic polling.

Speed Sprint Oct '17

Friday, June 30, 2017 2:53 AM

- Remove the wait times from loops.
 - Looping through each element in Grids
- R&D for Protractor: Identify the scenarios where issue in first test case is affecting the second test case execution.- Not a speed sprint task
- Identify infinite wait times in Test Complete scripts. (wait time -1)
- Remove **Loop** without timeout in Ruby.
- **Reduce time taken for initialization utilities (TC).**
- Should not have browser.get() calls except when needed.
 - No need to call the function when the intention is to open the default URL as protractor conf.js will take care of it
- Creating batch file to update registry key for svc_coderedoutlook account
- Review and remove redundant page object functions -Shiva
- R&D - Create a way to generate document for whole project in a single page.

Framework:

- Adding screenshots in tellus result page.

Analytics

- Create JSON files for data driven testing - PS3
- Remove the wait times from loops.
 - Looping through each element in Grids
- R&D for Protractor: Identify the scenarios where issue in first test case is affecting the second test case execution.
 - In-house dialog in At4
 - Model deleting in BCM - it won't affect the next test case but it will affect next run of the same test case.
- Create documentation for coding standards - TLs task.
- R&D - Create a way to generate document for whole project in a single page.

Research:

IRN: (Swati, Ramya)

- Utility update - to remove xpath's (1 Day)
- Identify hardcoded values and move them to data files.

CodeRed: (Rajiv, Sruthi)

- Data files for object references such as object types and other properties so as to reduce redundant code and future reduce maintenance due to Engineering enhancements.
- Update old scripts to follow same syntax for declaring step name and step id

Universal Screening: (Pramod, Bindu)

- Identify and update old scripts to use Slick Grid/ Thief helpers
- Identify application specific utilities which can be used in other apps (Can be moved to common utilities in next sprint)

Swarm Scripters:

- Remove Error lines: **Log.Error e.inspect+" . Additional Details: "+e.backtrace.join("\n")** and just replace with **Log.Error e**

PMT:

- PV: (Prashanth and Kartheek)
 - Review and update Pre conditions and post conditions in TestComplete Project
 - Identify application specific utilities which can be used in other apps (Can be moved to common utilities in next sprint)

Wealth:

- Options Montage: (Rashmi)
 - Identify hardcoded values and move them to data files in Options Montage.
 - Identify redundant code and move to utilities in old scripts.

IS :

- **Salesforce**
 - Map the objects with test cases in Excel sheet to identify the changes with release (SF)
 - Identify and reduce false positive scenarios and correct them
- **PDIS For RPD application**
 - Handling exceptions for **browser.close**. Use common utility for this (CloseWorkStationAndBrowser)
 - Identify and remove redundant code
 - Add verification code wherever missing

Platform :

- Review and remove redundant page object functions
- Remove the wait times from loops.

- Looping through each element in Grids