

Geol "Chris" Kim







- Major: Computer Science
- Hobbies: Movies, Soccer, Longboarding, Brewing Tea, Exercise
- ERT Development Team (Digital)
- Reporting to Prakash Balagurunathan & Bonnie Salyer













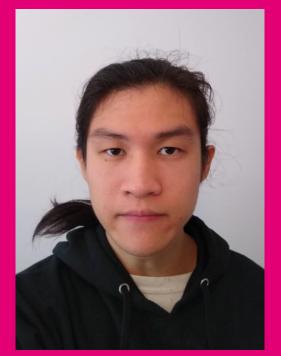
T-Mobile Confidential

James Liu

- School: University of Washington
- Major: Computer Science
- Hobbies: Powerlifting, video games
- ERT Development Team (Digital)
- Reporting to
 Prakash Balagurunathan & Bonnie
 Salyer









What We've Been Up To

- Appian Development
- ERT Applications
 - Filtering Checkboxes
 - CR14
 - CR12
- Implementing requested features and changes
 - Review by senior developers, evaluation by end users

















Week 1-4

Onboarding, learning Appian, ERT codebase, and other tools in tech stack (SOAP UI, SQL dev)

Week 5

Begin working on small change requests to codebase: Conditional instructions, Record type filter

Week 6-9

Assigned larger deliverables: Filtering checkboxes, Change Request 14

Week 10-12

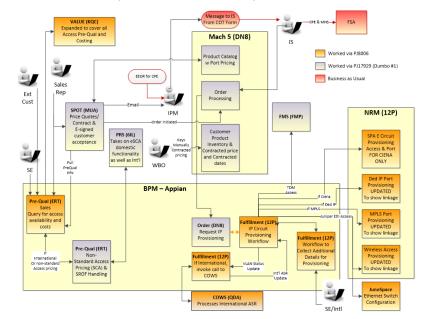
SMARTER presentations and Change Request 12



Back to school

Knowledge Transfer Sessions

- Daily sessions reviewing the codebase & completing assigned deliverables
 - Appian
 - ERT codebase
 - Tech stack (SOAP UI, SQL dev)









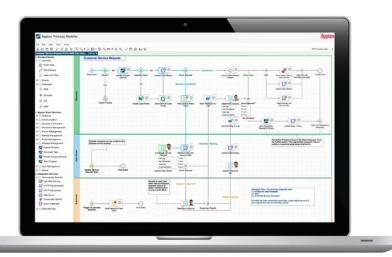




Appian

Development Platform

- Low-code business process automation tool
- Very different from other technologies we have used in the past
- Multiple, layered environments for deployment

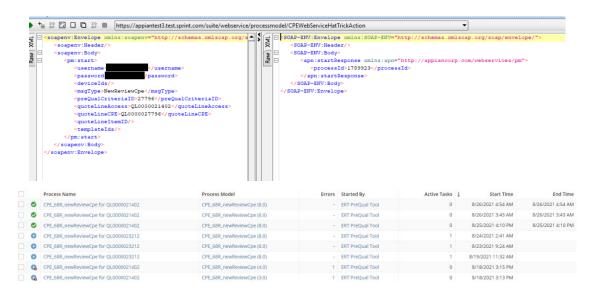


SoapUI

SoapUI

API Testing Tool

Used in conjunction with Appian's Process
 Activity Monitoring system to test web services

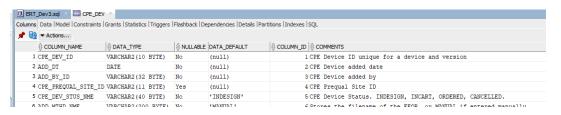




Oracle SQL Developer

Database Tool

- Used for working with databases (known as data stores in Appian)
- Table structures
- Test data





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Small Fixes

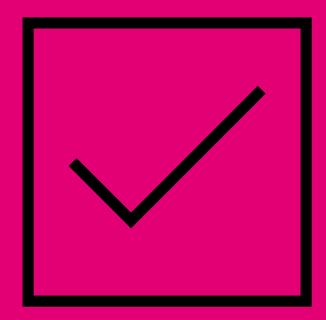
Conditional Instructions



All EoFW orders and quotes are subject to physical site survey from the Access vendors - Windstream & TelePacific (TPX). EoFW orders with Wind Stream and TPX will be put on hold, if the customer is unable to secure rooftop rights for installation of Wireless equipment from the property owner/landlord, after an order is submitted.

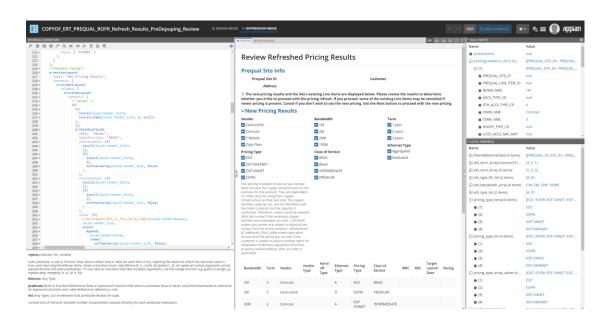
Record Type Filter



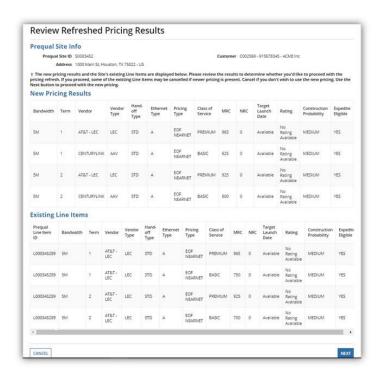


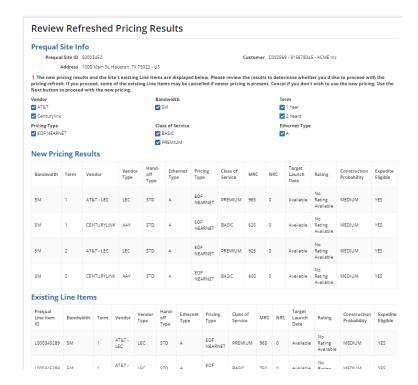
Filtering checkboxes

Adding filtering functionality to an existing interface



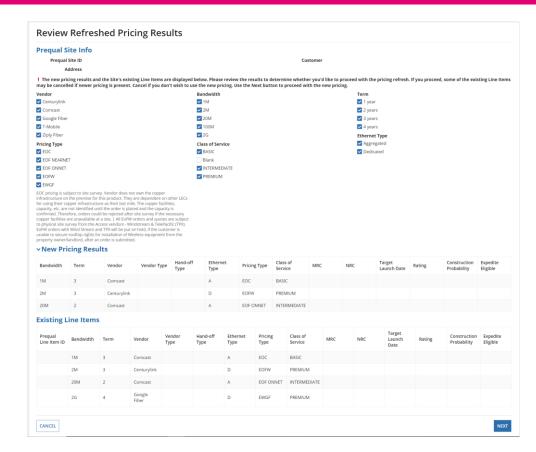
Before changes and Mock-up







Result





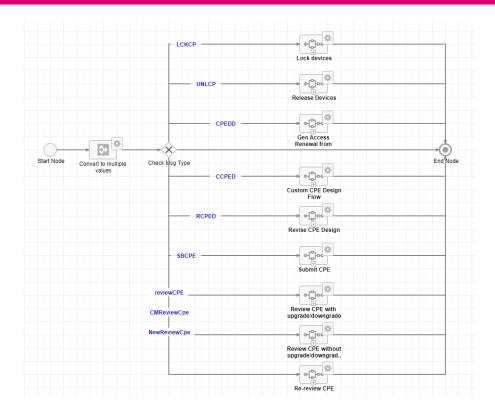
Change Request 14

ERT CPE Web Service

- Added functionality for Sales to request CPE Rereview via Hat Trick
- Additional top-level process model branch
- Refactoring existing code for better readability

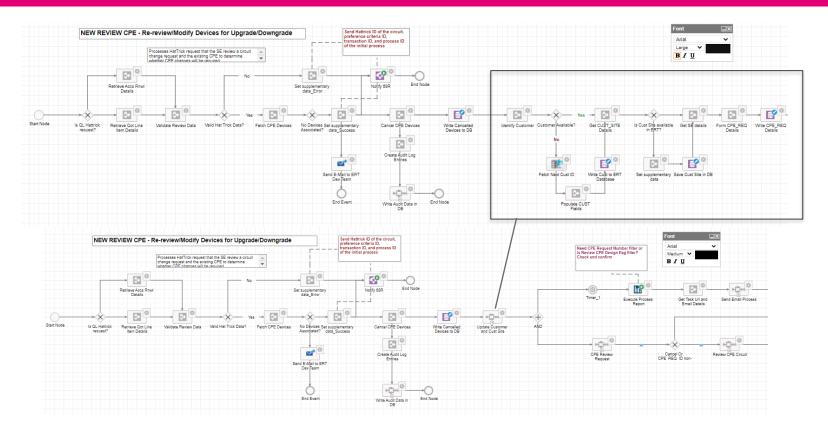
```
https://appiantest3.test.sprint.com/suite/webservice/processmodel/CPEWebServiceHatTrickAction
                                                          <SOAP-ENV:Header/
  <soapenv:Body>
                                                                    (apn:startResponse xmlns:apn="http://appiancorp.com/webservices/pm">
                                                                      cessId>1789923
                                                                   </apn:startResponse>
        <deviceIds/
                                                                 </SOAP-ENV:Body>
       <msgType>NewReviewCpe</msgType>
                                                              </SOAP-ENV:Envelope>
       cpreQualCriteriaID>27796</preQualCriteriaID>
        <quoteLineAccess>QL0000021402</quoteLineAccess>
        <quoteLineCPE>QL0000027796</quoteLineCPE>
       <guoteLineItemID/>
       <templateIds/
    </pm:start>
 </soapenv:Body
</soapenv:Envelope>
```

Additional Process Model Branch





Refactoring & Sub-processes





Change Request 12

Handling Orders of Specially Priced Prequal Sites



Pre-negotiated Access	Rates PreQual Information
H1 ID *	PreQual Name/Description
Customer Name	
zSCA ID *	An optional identifier to help you describe this PreQual.
SEARCH	

41 ID	•		PreQual Name/Description		
965231908			RFP for ACME Inc		
	imer Name				
CME					
25CA ID *			An optional identifier to help you describe this PreQual.		
SEA	RCH				
Site	es s				
Site State KS TX	es s				
Site States KS TX Sel	es s	Gey	1 State	Zip Code	
Site States X KS X TX O Sel	s sect All Obeselect All	Gry Mousson	TX State	Zip Code 77002	





Results

- Appian Development, good and bad
- Our code is/will be deployed to production (Filtering, CR14, CR12)
- Never Stop Growing!
 - Communication
 - General Workplace Experience
- Thank you to our recruiter, Eva, for giving us this opportunity
- Thank you to the ERT Team for all the help in learning the trade: Komal,
 Bonnie, Jen, Tina, Prakash

