MOSIP - Sprint 6 Demo

Dec 17th , 2018

Pre Registration

MOS-814	As an Individual, I should be able to search Registration center :UI
MOS-797	As an Individual, I should be able to update a Pre-Registration: UI
MOS-818	As an Individual, I should be able to cancel an appointment :UI
MOS-978	As an Individual, I should be able to reschedule a booked appointment, so that I can choose the preferred time slot: UI
MOS-817	As an Individual, I should be able to choose an available time slot and book an appointment: UI

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Pre Registration

MOS-664	As an Individual, I should be able to choose an available time slot and book an appointment
MOS-816	As an Individual, I should be able to choose the Registration center from the result list, and get the availability slots for the chosen day: UI
MOS-665	As an Individual, I should be able to cancel an appointment
MOS-1891	As MOSIP system, I should support Batch Job configuration for Pre-Registration.
MOS-977	As an Individual, I should be able to reschedule a booked appointment, so that I can chose the preferred time slot
MOS-663	As an Individual, I should be able to choose the Registration center from the result list, and get the availability slots for the chosen day.

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Registration Client

MOS-1200/1223	API/UI:As a Registration Officer/MOSIP system, I should be able to download pre-registration data to the client system manually
MOS-1277/1367	API/UI:As a Registration Officer/MOSIP system, I should be able to download pre-registration data in real time for a specific PRID
MOS-1343	UI:As the MOSIP Registration Client, I should be able to encrypt and decrypt pre-registration packets received from the data store
MOS-1235	UI:As the MOSIP Registration Client, I should be able to sync master data with data store servers
MOS-1244	UI:As a MOSIP registration client, I should be able to sync Policies with data store servers.

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Registration Client(continued)

MOS-10406	API:As the MOSIP registration Client, I should enable defaulting date of birth if only age is given
MOS-1214/1290	API/UI:As the MOSIP Registration Client /MOSIP system, I should enable scan and upload of POI, POA and POR
MOS-1342	UI: As a registration officer, I should be able to capture an individual's finger prints as per specification
MOS-1300	API:As the MOSIP Registration Client, I should perform a local duplicate check for biometrics data of an individual against the mapped registration officers' biometrics
MOS-1285	UI: As a Registration Officer, I should be able to capture an individual's IRISes as per specification

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Registration Client(continued)

MOS-1301

API:As the MOSIP Registration System, I should enable Registration Officer to authenticate each registration with password/biometrics/multi factor elements

MOS-1307/1310

API/UI:As the MOSIP Registration Client/MOSIP system, I should enable the supervisor to authenticate registration in case of exceptions

MOS-1273/1278

API/UI: As the MOSIP Registration Client/MOSIP system, I should enable receiving a unique registration ID on completion of registration

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ID-Authentication

MOS-1149	As the MOSIP system, I should be able to evaluate the Individual's Fingerprint match with the corresponding Fingerprint in the Auth server
MOS-1146	As the MOSIP system, I should be able to authenticate the Fingerprint of the Individual by comparing the match score of the fingerprint against threshold
MOS-10165	Integrate Fingerprint Authentication with eKYC

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Registration Processor

MOS-240
As the MOSIP System, I should be able to validate the Registration Machine Details, Registration Officer Details and Registration Center Details

MOS-1059
As the MOSIP system, I should be able to Verify the Biometrics against the UIN of a Parent

MOS-48
As the MOSIP system, I should be able to Verify the Documents required for an Individual based on the Type of Registration

MOS-1079
As the MOSIP system, I should be able to Perform Demo dedupe - Part 1

MOS-1064
As the MOSIP system, I should be able to Perform Demo dedupe - Part 2

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Registration Processor (contd..)

MOS-1076 — As the MOSIP System, I should be able to identify packets on hold, so that it can be allocated for Manual Verification

MOS-1077 — As a Manual Verifier, I should be able to view a packet detail lined up for manual verification

MOS-1078 — As a Manual Verifier, I should have an option to change the status of a packet kept on hold

MOS-9657 — Implementing RID Validator

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Testing Journey so far….. Till Sprint6

	User Stories	Sprint 1		Sprint 2		Sprint 3		Sprint 4		Fit 1		Sprint 5		Sprint 6	
		API	UI	API	UI	API	UI	API	UI	API	UI	API	UI	API	UI
Manual	Pre-Registration							🟩	🟩	🟧	🟧	🟧	🟧	🟧	🟨
	Registration		🟩		🟩				🟩	🟧	🟧	🟨	🟧	🟧	🟧
	Registration Processor	🟩		🟩		🟩		🟩	🟩	🟧	🟧	🟨	🟧	🟧	🟨
Automation	Pre-Registration							🟩		🟧	🟧	🟨	🟧	🟧	🟧
	Registration		🟧		🟧				🟧	🟧	🟧	🟧	🟧	🟧	🟧
	Registration Processor	🟩		🟩		🟩		🟧	🟧	🟧	🟧	🟧	🟧	🟧	🟧
	IDA					🟩				🟧		🟨		🟧	
	Kernel	🟩		🟩		🟩		🟩		🟧		🟨		🟧	

Covered Testing Activities:
- Mind-Map creation
- Test scenario identification
- Test Data readiness - Data generator using Test Data Utility
- Test scripts & Test Cases
- Test Framework
- QA Environment & Test Rig
- Defect Validation (Jira)

Testing Artifacts Repository/Reference:
- Github
- Jira
- Zephyr for Test Cases – Work in progress….

🟧	Not Started
🟨	In Progress
🟩	Complete
⬜	Not Applicable

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Testing Key highlights – Sprint6

Functional

Covered the Backlog of SprintFIT1 and Sprint5 – Mindmap and Test Case Design.
FIT2 sprint grooming covering E22 and Integration Scenarios
Sprint6 - Mindmap and Test Case Design.

API Automation

Automation for Sprint5 and FIT1 backlogs
Bug fix validation for Sprint4 user stories
FIT2 Grooming- Identification of integration scenarios
TestNG design approach on triggering SOAPUI scripts
POC on modular approach on API automation

Test Data Utility

Test Data utility to generate versatile input data – covering Test data for UI fields & API
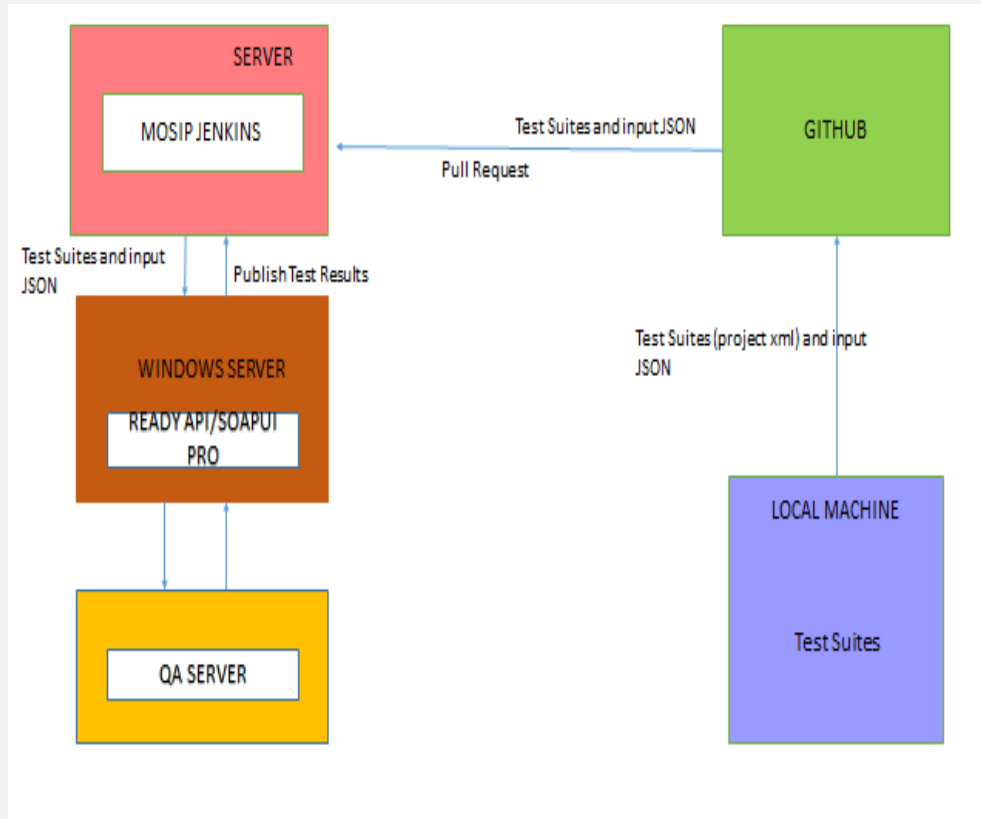
Performance

Performance Load for API's w.r.t each module(s)
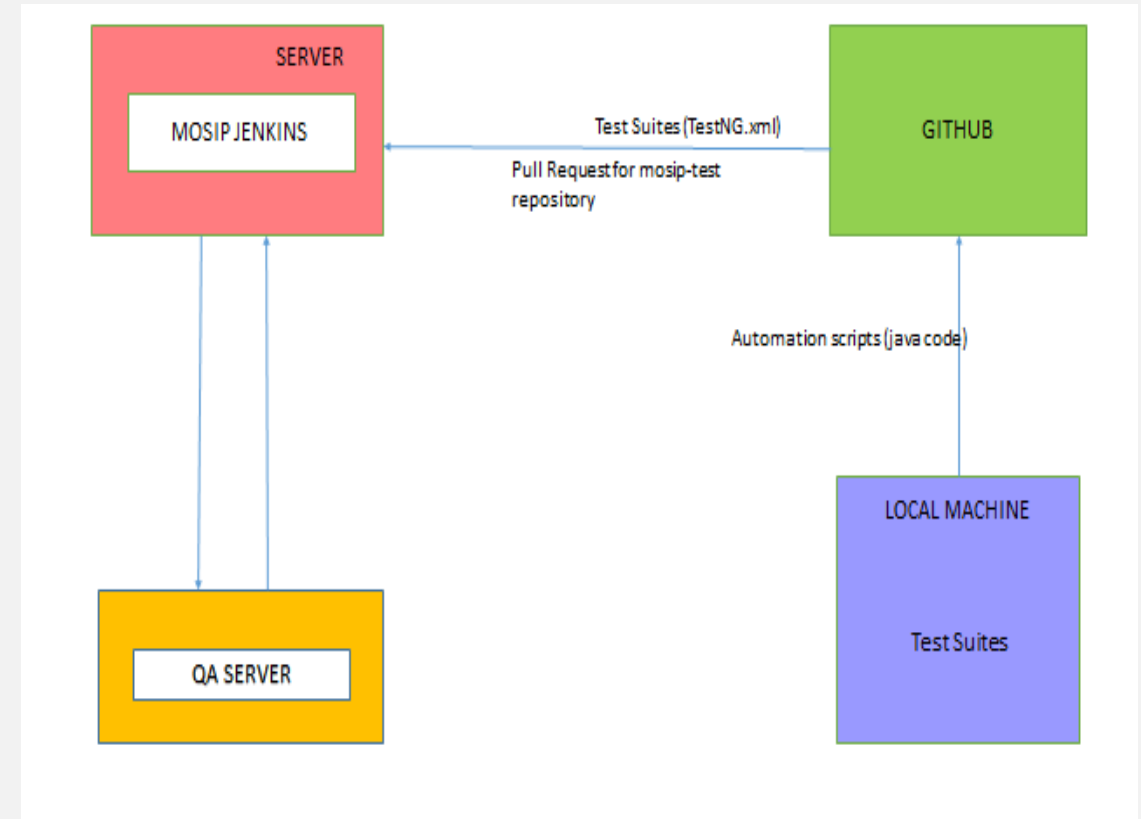
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API Automation Coverage

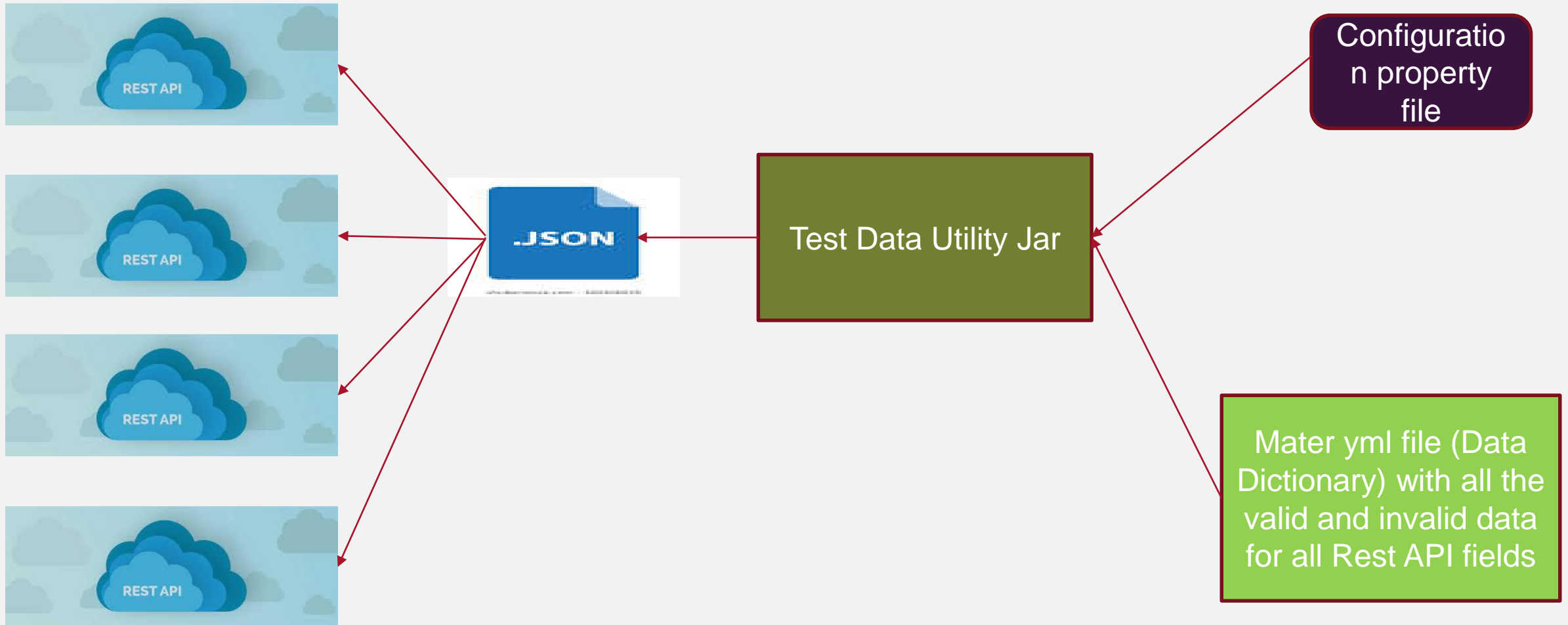| Module	TCs Automated	Defects Count	Not Automatable	API's Covered
Kernel	170	28	20	Master Data Manager
Pre-Registration	40	17	8	Create Pre-Registration, Fetch all Applications, Retrieve all Pre-Registrations status, Discard Pre-Registration, Upload Document, Fetch Pre-Registration, documents
IDA	134	15	15	/identity/otp /identity/auth /identity/getOTP /ekyc
TOTAL	344	60	43	

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Enhanced Test Rig

Existing Test Rig

Enhanced Test Rig

Test Data Utility for Rest APIs

REST API

REST API

REST API

REST API

.JSON

Test Data Utility Jar

Configuration property file

Mater yml file (Data Dictionary) with all the valid and invalid data for all Rest API fields

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Performance Updates

Released SPRINT	Module	JIRA User Story(PT)	API	PT Script	PT Script Execution	PT Report
Sprint 5	Kernel	MOS-10571	UIN Generator	Done	Done	Done
Sprint 5	Kernel	MOS-10571	Audit Manger	Done	Done	Done
Sprint 5	Kernel	MOS-10571	Packet Uploader	Done	Done	Done
Sprint 5	Kernel	MOS-10571	Generate OTP	Done	Done	Done
Sprint 5	Kernel	MOS-10571	Validate OTP	Done	Done	Done
Sprint 5	IDA	MOS-10570	Authentication-personal identity	Done	Done	Done
Sprint 5	IDA	MOS-10570	Generate OTP	Done	Done	Done
Sprint 5	IDA	MOS-10570	Authenticate-OTP	Done	Done	Done
Sprint 5	Reg-Processor	MOS-10572	Sync registration data	Done	Done	Done
Sprint 5	Reg-Processor	MOS-10572	Upload registration packet	Done	Done	Done
Sprint 5	Reg-Processor	MOS-10572	Registration status	Done	Done	Done

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Defects Status

Priority	Done - Status	In Progress - Status	To Do - Status
High	26	3	18
Highest	5	0	3
Medium	24	11	26
Grand Total	**55**	**14**	**47**

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THANK YOU

Welcome to possible