Implementation Methodology

DESIGN

Please open the Process Design Document available in the Course Documentation folder

Please open the Test Cases Template available in the Course Documentation folder

Implementation Methodology

BUILD

Tracking the progress

	Criteria for considering the development done for a process
1	Code produced (completed all ‘ToDo’ items in code)
2	Code commented according to best practices, checked and ran against current version in source control
3	Peer reviewed (or produced with pair programming) and meeting development standards
4	Passed unit tests
5	Deployed to system test environment
6	Passed System Integration tests and signed off as meeting requirements
7	SDD document filled in and approved
8	Relevant documentation/diagrams produced and/or updated

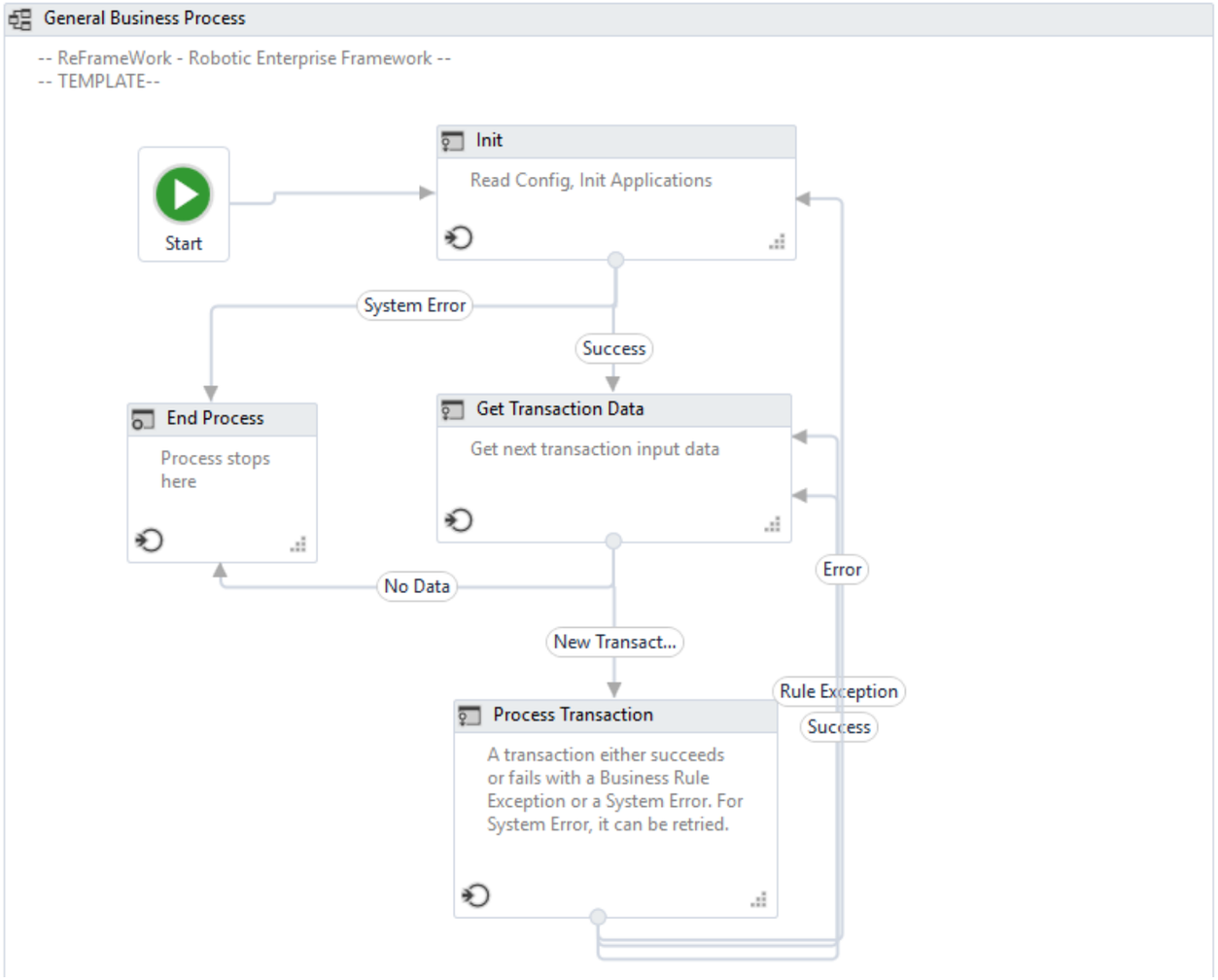
Tracking the progress

Scenario	No. of days	Timeline (End Date)	Owner	Status
Task 1	3			
Task 1 Unit Testing	5			
Task 2	2			
Task 2 Unit Testing	1			
Task 3	2			
Task 3 Unit Testing	1			
Reporting dashboards	1			
Post code-review changes	2			
SDD fill in	1			
Migrate workflow to Test	1			
System Integration Testing	3			

Please open the Development Specification Document available in the Course Documentation folder

Robotic Enterprise Framework - ReFramework

Enables collaboration between developers



Repetitive implementation steps

- Initializing various applications
- Reading configuration parameters
- Capturing errors
- Closing all the applications
- Returning to a ground state once the process finishes

Framework benefits

- Proper exceptions handling
- Recovery abilities
- Effective logging
- Reporting functionalities
- High maintainability
- Extensibility
- Reusability
- Ease of deployment

Implementation Methodology

TEST

Testing plan

UiPath has developed a three phase approach for the testing process, making sure no critical bugs will reach the production environment. Paired with code review sessions and approval board meetings, the methodology ensures quality in deliverables.

Individually testing each functionality of the automation made by developer & discussing it in code review sessions

End-to-end testing done by the development team on the QA environment, supervised by the Solution Architect

End-to-end testing done by the product owner, followed by the go-live meeting

Thank You!