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| **The U.S. Job Duties**  Beneficiary’s Name, Designation – Domain  December 2016 |
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**Version**

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| **Date** | **Version** | **Author** | **Description** |
| Dec. 14, 2016 | 1.0 | XYZ | Initial Draft |
| Dec. 14, 2016 | 1.1 | Asma Doni | Reviewed and completed |
| Month DD, Year | 1.2 | Charudatt Garud | Re-reviewed and sent to attorneys for review |

**Reviewed By**

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| **Date** | **Name** |
| Month DD, Year | Swarup Tamhane |

# **United States Job Duties**

As Lead – Quality Control, Mr. XYZ will implement ABC Automation Framework for Synechron’s client, Asurion. He will continue to lead the efforts for this project and will advise in the design, development, enhancement, and implementation of Synechron’s ABC Automation Framework based on the inputs received from the client. He will be responsible for the design and development of automated testing for caller profiles. He will be responsible for creation, execution, and maintenance of automated scripts. In addition, the position is responsible for creating metrics and increasing test coverage using the automated systems.

In performing his duties, Mr. XYZ will continue to utilize his specialized knowledge and understanding of architecture, development standards, and custom interfaces, wrappers, deployment pipelines and the relationship between various components of Synechron’s ABC Automation Framework to perform impact analysis to better suit client’s requirements and accelerate client success and competency.

Specifically, Mr. XYZ will continue to perform the following duties and responsibilities:

* **U.S. Duty 1**: **Using** **ABC Automation Framework – Architectural Design Analysis & Component Modeling - 20% of daily work time**

**Specialized Knowledge:** Mr. XYZ will utilize his advanced level of specialized knowledge to make decisions related to framework architectural design analysis for new changes. This is followed by component modelling that can be new wrapper creation, plug in of new components with the system, revamp of the existing components in the framework, addition of any new components in the system, analysis of alternative solutions and possibilities, and any other changes for adapting the system to new requirements.

* Specifically, this will require him to perform architectural design analysis, design feasibility study and checks from the requirements provided by the technical analysts. For ABC Automation Framework implementation to utilize his specialized knowledge of the frameworks’ architecture to provide solutions for new clients in insurance domain. This needs sometime for framework to redesign some components or change in configuration files. It involves identifying list of complex business scenarios or importance of a particular functional area to be automated.
* Create high-level plan to break down the whole development plan into various modules and modules into components that includes-design test automation framework architecture, phase-wise automation approach & deliverables, work flow creation, data modelling, data storage and Object serialization. This further includes effort estimation in person days to automate selected test cases, test resources, timeline, tools, licensing & environments used, test data, etc.
* This duty will also require him to use that knowledge to design and create a virtual environment to simulate like real business scenarios. He used his knowledge of ABC Framework to generate the PSS and Mobile Tech support-related end-to-end functional test scenarios, test data, and its performance, to further expedite its simulation and accuracy with actual case of customer base.

* **U.S. Duty 2:** **Using** **ABC Framework - Design of UI and Services Layer - 40% of daily work time**

**Specialized Knowledge:** Mr. XYZ will utilize his advanced level of specialized knowledge of ABC Automation Framework to create and redesign the existing framework modules. This includes creation of the components of the modules. This requires specialized knowledge of each of the modules to manage changes related to components. Mr. XYZ would also be engaged in creation and optimization of dynamic business workflows for ABC Automation Framework. To perform such analysis and optimize business flows requires specialized knowledge in framework workflows.

* Perform impact analysis and feasibility study followed by design for changes to this automation framework and work with the automation development team on redesigning
* Design required templates and workflows for the framework architecture with caller profile-driven test case APIs and create various libraries for business functions, reporting mechanism, and database communication
* Add required database objects to object repository, fine tuning Dashboard Input Parameters component naming standards, and optimized UI properties
* Implement enhanced user interface in the Dashboard Input Parameters (frontend) module using enhanced and overridden methods. Few in-built functions in LPU module like GET, POST, and set are instantiated from the object of LPU class for faster and better communication between CP Scripts and Db Server
* Implement metadata for all database objects those are used for version control and better design of relational database architecture
* **U.S. Duty 3:** **Using** **ABC Framework – Framework Setup, Implementation of Reporting mechanism, and Database Object creation - 30% of daily work time**

**Specialized Knowledge:** Mr. XYZ would utilize the ABC Automation Framework’s knowledge to setup the framework into the test environment and configure different tools, implement this framework for applications under test and optimize workflows. He will be taking care of implementation of Reporting Objects, reporting DLLs to setup a robust reporting mechanism. He integrated the automation framework with build systems such that executable automated test scripts can be generated. Once the scripts get generated, it kicks-off automated test executions in batch and generate a precise test report. Mr. XYZ will be engaged verifying the reports generated by automated tests, analysing the failures, and finding the solutions for such failures. Mr. XYZ will be utilizing his specialized knowledge of ABC Automation Framework for load balancer that involves providing the precise system resources that will be sufficient to serve the end users with expected load criteria. He will also take care of design and creation of database objects like stored procedures, Db Engine, Object Executor etc. The following are some of his responsibilities-

* Setup of Load Balancer systems and VIP configurations with the DAS (Dashboard Application Server)
* Setup of required machines and environment for automated test execution
* Customize Driver, Executioner, Error Handling, Error Logger, and recovery scenario units components
* Configure utilities and plug ins, Object Executor and Db Engine to enhance ABC Framework
* Configure database connectivity and access right validation for database objects to grant, revoke and terminate in Db Engine, and execute permission for stored procedures present in database server. Creation of stored procedures and its maintenance.
* Create checklist for all required software add-ins needed for installation of the build for the framework, basic network connectivity for hosting the combined build including DAS Code, CP Code, Wrapper Interface and Reporting Handler in Dashboard Application Server
* Analyse test results produced by the Reporting DLLs to and bifurcate staged data and error logs so that a concise reports can be generated. Storage of staged caller profiles is done into excel files after that
* **U.S. Duty 4:** **Training - 10% of daily work time**

**Specialized Knowledge:** Mr. XYZ will provide trainings to the following team members in the use of the redesigned framework, and will divide his time equally among them:

Mr. XYZ will impart his knowledge to the local Synechron Team working onshore. As ABC Automation Framework has been developed at offshore; knowledge to onshore team has been limited. Going forward, there will be a need to educate more people on the framework to leverage framework usage and on boarding of new clients and products easily.

* Ana Orrett, who is employed by Asurion. She will be trained on the following modules of the ABC: Core Framework - Dashboard Input Parameters Front-End UI, and Data Staging Internal Framework Service, and CI Build Automated Test unit.
* Jasmine Pillow, who is employed by Asurion. She will be trained in the following modules of the specialized framework ABC: Core Framework - Application and framework library for Reporting Objects, and CI Build Automated Test unit.
* Mrs. Sylvia Little, who is employed by Asurion. She will be trained on the following modules of the specialized framework ABC: Core Framework - Error-Logger, GCO (GetCallerOption), and CI Build Automated Test unit.
* Mr. Bhupesh Holkar, who is employed by Synechron. He will be trained on the following modules of that framework: Logical Profile Unit (LPU) and Logical Profile Validator (LPV).
* Mr. Nikunj Shah, who is employed by Synechron. He will be trained on the Database Input Parameters (DIP), Data Staging Framework Internal Service for better communication between DIP, Dashboard Application Server (DAS), and LPU.
* Mr. Tejash Shah, who is employed by Synechron. He will be trained on the Database Server Objects, Reporting DLLs, Error Logs and Data Storage for better reporting and storage of staged caller profiles.

Even though Mr. XYZ will be assigned by Synechron to work on a project at Asurion’s facility in Nashville, TN, he will continue to remain an employee of Synechron, and will be supervised by Synechron. Mr. XYZ will report directly to his onsite manager, Mr. XXXX XXXX, whose title is Senior Manager – Software on daily basis. Mr. XYZ, will communicate with the employee daily through emails and calls.