**SKILL MATRIX / RELEVANCE OF DUTIES / EMPLOYER CONTROL**

**Following details depict Nirmal Patel tasks & percentage of time allocation per week, related academic course used in his job duty.**

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| **Task under strict supervision** | **% of time spent per week** | **Courses used and Past work experience in each job duty** | **Relationship of Duties to Specific Project & Uniqueness of work** | **Relationship of work to Employer** | **Level of Responsibility**  **Closely Monitored** |
| Requirement Analysis | 15% | Requirements are analyzed with team in the sprint grooming sessions and requirement are captured. | Wells Fargo has implemented JIRA for Sprint planning for SDLC, Building of requirement document according to compliance standards. | Direct –Use of Jira | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Design and Development of Project Modules | 20% | Computer Algorithms course in Second semester and prior work experience on tools like VB.NET, C#, SSMS, SSRS, SSIS and Web services like WCF, Web API helped to ensure the application services are working as per requirement. | LUCAS project have several modules with different technologies, this requires strong knowledge and experience working with Microsoft technologies and tools to understand the business work flow and processes and various compliances rules. | Direct- train/guide with coding standards, developing secure code and its testability | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Code Deployment | 10% | Work with Infrastructure team to automate the code deployment on servers like DEV,SIT,UAT, PFIX and production servers. Along with prior work experience at Wells Fargo and State of Florida. | LUCAS project uses continuous integration and deployment tools like Urban code deploy, TFS and Anthillpro. | Direct –deployment process, integration of code and use of CI/CD tools. | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Source Code Management | 6% | Capstone course in the final semester along with prior work experience using GIT, TFS and SVN helped in managing the LUCAS code on TFS. | LUCAS Project code is managed on TFS server. All the team members uses TFS for interchanging. | Direct- Use TFS for source code management | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Reports defects, raises issues or concerns | 8% | Computer Concepts course in Second semester, software Management course in Fourth Semester Degree, along with prior work experience in dealing with client applications to report defects, capture and report any issues related to project application development. | Defects and issues related to LUCAS are captured in JIRA, PAC 2000 and Confluence tool and reported directly to the project team. Risk is analyzed based on impact and come up with solutions to mitigate the risks. | Direct- use of Jira for defect management | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Plans and deploys software testing and project management processes based on the current methodologies of the company. | 10% | Computer Concepts course in Second semester and Project management course during the fourth Semester Degree, along with prior work experience in AGILE methodology is used to deploy testing and project management processes. | Software testing and project management processes for LUCAS Project is captured and documented in Confluence tool and compared against company standard AGILE methodology metrics. | Direct -Project documentation standards. | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Database analysis and design | 10% | Database systems course in Third semester and  Prior work experience as full stack developer - is used to design the tables, stored procedures, functions activities across project and program level. | Creation of test table schemas in developer environment and working with the architect for validation and other such quality assurance related activities are created for LUCAS Project as needed at both project and program level. | Direct -Use of SQL server | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Assesses risk to quality based upon results of verification and validation. | 5% | Computer Concepts course in Second semester, Total Quality Management course in Third Semester Degree, along with prior work experience in dealing with client applications for Wells Fargo, New York power authority- is used to assess any risk to quality based on the test execution and defects report for the application. | Test execution and defects report for LUCAS in JIRA and confluence is compared against standard AGILE methodology metrics to assess any risk to application production deployment. | Direct – Use of Jira | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| Reports software defects; raises issues/concerns regarding issue prioritization. | 6% | Computer Concepts course in Second semester, Total Quality Management course in third Semester along with prior work experience - to report defects, capture and raise any issues related to project application testing. | Defects and issues related to automated jobs and LUCAS are logged in JIRA , PAC 2000 tool and reported directly to the project team. And share the RISK for issues with Business stakeholders. | .Direct – Use of Jira | Weekly reports, conference calls/meetings, email, web ex – Daily, weekly and as required. Also will review report and share feedback. |
| **TOTAL** | **100% (40 hrs/week)** |  |  |  |  |