Business Analyst Fundamentals Curriculum

1. **Introduction to Business Analysis**
- What is Business analysis?
- The role of business analyst
- Key roles and responsibilities of business analyst
- Business analysis and related disciplines
- Underlying competencies for business analyst
2. **Business Analysis and the Project Life Cycle**
- Software Development Life Cycle
- SDLC Models
- SDLC and role of business analyst
3. **Enterprise Analysis**
- Business goals and objectives
- Writing SMART goals/objectives
- Benchmarking
- SWOT analysis
- PEST analysis
- Business need definition
- Feasibility study
- Solution approach
- Problem or vision statement definition
- Business case definition
- Key Performance Indicators (KPIs)
- Cost benefit analysis
4. **Planning and Monitoring of Business Analysis Activities**
- Planning of the requirements management process
- Stakeholder analysis
- Complexity of stakeholder group
- Stakeholder attitude and influence
- RACI and stakeholder matrix
- Business analysis activities planning
- Functional decomposition
- Business analysis communication planning
- Impact of geography and cultural diversity on business analysis
- Communications formality
- Requirements Traceability Matrix (RTM)
- Requirements attributes
- Requirements prioritization
- Change management process
5. **Requirements Elicitation**
- Preparing for requirements elicitation
- Conducting elicitation activity
- Documenting and confirming elicitation results
- Elicitation techniques: Document analysis, interview, JAD sessions, observation, requirements workshops, survey, document analysis, focus groups
6. **Requirements Management and Communication:**
- Solution scope and requirements management
- Conflict and issue resolution
- Importance of sign-offs

- Re-using requirements
- Business Requirements Document (BRD)
- Business Requirements Specification (BRS)
- Requirements documents for vendor selection (RFP, RFQ, RFI)
7. **Requirements Analysis**
- Requirements prioritization
- GAP analysis
- MOSCOW analysis
- Requirements organization and modeling
- Assumptions and Constraints
- Requirements verification and validation
8. **Solution Assessment and Validation**
- Assessing of the proposed solution
- Defining of transition requirements
- Validating solution
- Quality Assurance basic terms
- Assessing defects and issues?
- User acceptance testing
- Evaluating of solution performance
9. **Project Assignments based on Domain Interest**
10. **UML [tool] using M.S Visio**
    - UML Defined
    - UML History
    - UML Modeling mechanisms
    - Reviews
    - UML diagrams
    - Use case diagrams
    - Activity diagrams
    - Sequence diagrams
    - Business Overview diagrams

Optional
11. **SQL**
12. **JIRA**
13. **HP Quality Center**