CELEBRATING 13 YEARS

QualityThought®

Business Analyst

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Introduction

- Introduction to Business Analysis
- Roles and Responsibilities
- Who all work as a BA
- Pre-Requisites of this course
- Business Analyst Career Path
- Salary Trends and Job Openings

Skills Set

- Analysis
- Detailed Analysis
- Business Process
- Business/Service Line
- Leadership
- Decision Making
- Problem Solving Skills
- Planning
- Listing and Documentation
- Visualization

Right Direction with Your Team

- Team Handling
- Communication
- Collaboration
- Monitor

How You are into the Software

- Software Development Process
- Design
- Development
- Testing
- Deploy
- Importance of BA in the Different Applications

Project vsProduct

- What is a Project
- What is a Product
- SMART Analysis
- Project Team
- Product Team
- Business Analyst in the Project Team
- Business Analyst in the Product Team

Project Management Life Cycle

- Traditional Project Management
- Take your Initiation
- Plan your tasks
- Start the Execution phase
- Monitor and Control
- Get the Signoff

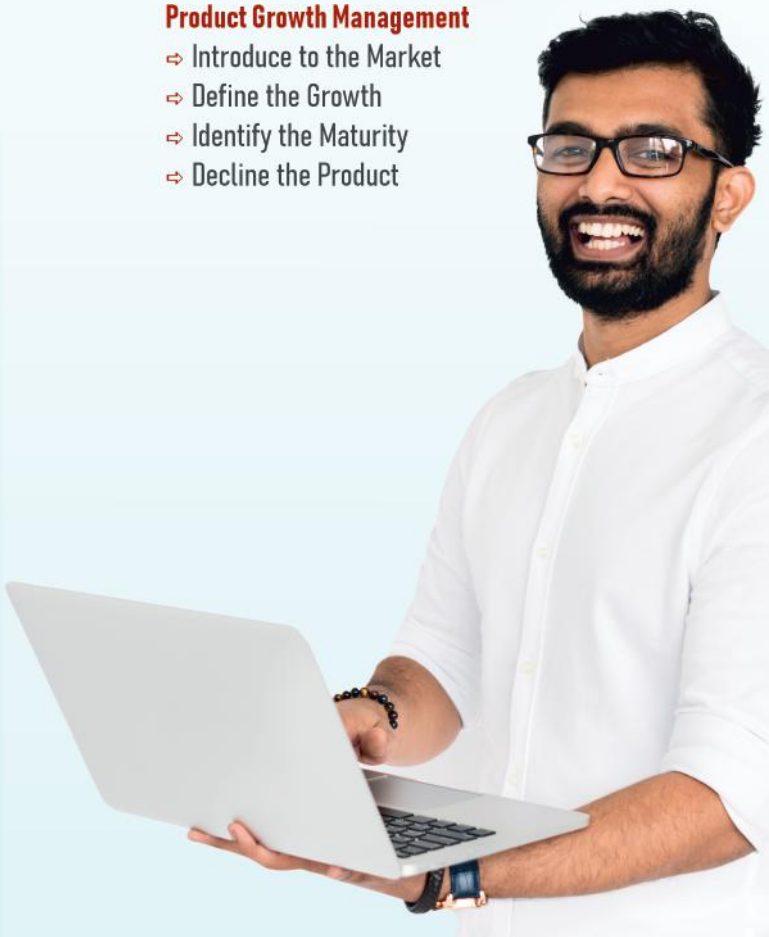
Product Management Life Cycle

Product Development Management

- Idea without fail
- Research More
- Do the Analysis
- Implement the solution
- Test the Results
- Introduce to the Market

Product Growth Management

- Introduce to the Market
- Define the Growth
- Identify the Maturity
- Decline the Product



CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Types of Software Projects

- Fixed
- Migration
- Customization
- Maintenance
- Incremental

IT Deployment Environments

- Feature Based
- Development –Dev
- QA -Staging
- UAT
- Production

SDLC

- Requirement & Analysis
- Planning
- Design
- Implementation/Code/Develop
- Testing
- Deploy
- Maintenance

SDLC Models

- V-Shape
- Spiral
- Prototype
- WaterFall
- Iterative and Incremental
- Agile

Documentation Tools/Software's

- Confluence
- SharePoint
- MS Word
- MS PPT
- MS Excel
- Notepad ++
- OneNote
- Notepad/Sticky Notes

Process Flow Tools

- What is Process Flow
- Why we are using this
- Business scenarios to use
- Miro-Tool
- xMind-Tool

Flow Charts

- What is Flow Charts
- Why we are using this
- Business scenarios to use
- Draw.io
- Lucid Chart
- MS Visio

JIRA

- What is JIRA Software
- How to Use it
- Create an Account
- Login an account
- Create a Project
- Invite Users
- Create Teams
- Observe the Tracking Structure
- Create/Add EPIC/Story/Task/Bug
- Assignments
- Workflow and Status changes
- Roadmap
- Backlogs
- Sprints

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Azure DevOps-ADO

- What is ADO Software
- Why we are using
- Create an Account
- Login an account
- Create a Project
- Create a Team
- Setup Team Capacity
- Observe the Tracking Structure
- Discussion on Issue Types
- Create/Add
  - a) EPIC
  - b)Features
  - c) User Stories
  - d) Tasks
  - e) Bugs
- Assignments
- Status changes
- Roadmaps
- Backlogs
- Sprints

Trello

- What is Trello Software
- How to Use it
- Create an Account
- Login an account
- Create a Board
- Invite Users
- Create a Cards
- Create Status Categories
- Assignments
- Uploads
- Check default templates

Wireframe/MockUp/Prototype

- What is Wireframe
- What is Mockup
- What is Prototype
- Understanding why we use
- High fidelity and Low fidelity
- Important things to understand beforehand
- Usage Concepts
- Create Pages
- Create Folders
- Drag n Drop Mechanism
- Elements and Components
- Templates
- Preview and Explain
- Adding Interactivity to your Prototype
- Finalize the Strategy with
- Invision and Marvel App

Business Area

- Objective
- Need
- Business Case & Use Case
- As Is -To Be Process
- Business Process
- Business/Service Lines

Analysis Techniques

- INVEST
- SWOT
- MoSCoW
- CATWOE
- MOST

Domain Knowledge

- Types of Domains
- Importance of the Domain Knowledge
- Learning techniques for New Domains
- How to learn
- Perform on brand new domains

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Requirements

- What is a Requirement
- Importance of Requirements for IT Projects
- Importance of Requirements in Scrum Cycle
- Types of Requirements:
- Business
- Architecture
- Testing
- Solution Analysis
- Data Requirements
- Transition/KT/Demo
- Non-Functional
- System
- Ad-hoc

Elicitation Techniques

- What is Requirement Elicitation
- Requirement Elicitation Techniques
- Brainstorming
- Document Analysis
- Interviews
- Workshops/JAD
- Observation
- Prototyping
- Focus Group
- Interface Analysis
- Stakeholder Collaboration
- Document the Results

Manage Requirements

- What is Requirements Analysis
- Prioritize Requirements
- Coordinating with product team
- Confirming with the Stakeholders
- Define in-scope
- Define Out-off scope
- Define assumptions
- Final Validating for Requirements
- Formal documents and mail to stakeholders/clients/product team

Documentations

- Why Documentation
- Importance of the Documentation in different methodologies
- Types of Different Docs:
- Business Requirements Document (BRD)
- Software Requirement Specification (SRS)
- Functional Requirements Document (FRD)
- Non-Functional Requirements Document (Non-FRD)
- Product Requirements Document (PRD)
- User Interface Requirements flow (User Guide)
- Technical Requirements Document (TRD)
- UAT Test Case Document (UATD)
- Test Case Document (QA -TC)

UML- Structural

- What is UML
- Analyzing skills set in UML
- Why we are using the UML diagrams
- Structural UML diagrams
- Class diagram
- Package diagram
- Object diagram
- Component diagram
- Composite structure diagram
- Deployment diagram

UML- Behavioral

- Behavioral UML diagrams
- Activity diagram
- Sequence diagram
- Use case diagram
- State diagram
- Communication diagram
- Interaction overview diagram
- Timing diagram
- Other
- Information Flow
- Profile

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Requirement Traceability Matrix

- What is RTM
- Why we are using RTM
- Tracking Requirements
- Business requirements
- User requirements
- UI requirements
- Functional and nonfunctional requirements
- Technical requirements
- Review and Map Test Cases
- Create a Spread Sheet for RTM

Backlog's

- What is product backlog
- How it will define backlog requirements
- Communicate/Collaborate for product backlog
- Types of Backlogs
- Product Backlog
- Sprint Backlog
- Release Backlog

What we can Store

- Backlog requirement types:
- On-going features
- For next iterations
- For next deliverables
- Brand new features
- Enhancements
- Scope Creep/ Change Management

Acceptance Criteria

- What is Acceptance Criteria
- Different Terminologies
- Standard Write-ups
- Real-Time Write-ups

Change Requests Management

- What is CR
- Situation to get the CR
- Handling the Change Request
- Scope
- Stakeholder Analysis
- Impact Analysis
- Change Plan
- Add and Track the details

Project Kick-Off

- Kick-off with Scrum team
- On-Board the features
- Create
- Epic
- Features
- User Stories

Project Kick-Off

- Refine the User Stories
- Product Requirements
- Acceptance Criteria
- Design References
- Grooming Session
- Allow all Participants
- Give the Road Map
- Business Expectations
- Timelines and Deadlines
- Answer the Questions

Scrum Ceremonies

- What is Scrum
- Meaning of Scrum Ceremonies
- Why need to Use
- Flow of 4 Types from Backlog > Sprint Backlog
- Types
- Sprint Planning
- Daily Scrum
- Sprint Review
- Sprint Retro

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

Sprint Planning

- What is Sprint Planning
- What is the use case
- Set the Sprint Goal
- Identify the Team Capacity
- Drag the Requirements
- Participate in the Estimations
- Answer for Questions
- Negotiations
- Update the Sprint Backlog
- Monitor the Plan

Daily Scrum

- What is Daily Scrum
- Use of Daily Scrum
- Different Names
- Accept the Questions
- Update the Sprint Backlog

Sprint Review

- What is Sprint Review
- What is the use case
- Track the Goals
- Identify the Blockers
- Review the Boards
- Close the User Stories
- Participate in Sprint Demo
- Positive Directions on Challenges and Solutions
- Head-up on Blockers

Sprint Retro

- What is Sprint Retrospective
- Purpose of the Retro Board
- Owners of the Board
- Participate into Retro Meetings
- Appreciation in the Team
- Direction towards to the Improvements
- Positive Impacts: Ready with the Answers
- Negative Impacts: Ready with the Answers

Scrum Ceremonies ... RR

- Role and Responsibilities
- Regular Interactions with Scrum Team
- Track the Tasks
- Track the Features
- End to End Participation with Scrum Ceremonies

DoRand DoD

- What is Definition of Ready
- Why Definition of Ready
- Content in Definition of Ready
- What is Definition of Done
- Why Definition of Done
- Content in Definition of Done

Approach with QA

- Overview of Software Testing Life Cycle
- Requirement Analysis
- Test Planning
- Test case development
- Test Environment setup
- Test Execution
- Test Cycle closure
- Types of Testing Environments
- Types of Testing's
- Handling Defect Analysis and Reporting
- Execution of Test cases
- Role of BA in Testing
- One Example with Requirement to Test Cases Execution

Real Flow -UAT | Production | Bugs

- Finalize the features for release
- UAT Functional Testing
- Communicate on UAT kick-off's
- Write UAT test cases
- Approval Process
- Release Demo in Sprint wise process
- Production Release
- Hot Fix Releases
- Release templates/notes
- Approval Process on Releases

CELEBRATING 13 YEARS

Quality Thought®

Business Analyst

- Production Incidents
- Bug fixes Communication
- Maintenance and Get in Touch

More n More

- Q and A Sessions
- Session wise Tasks
- Session wise Interview Question
- Review the Tasks
- Guide the solutions in a Real-Time way
- Interview Tips
- Review the Interview Questions in different web portals
- Resume Preparation Tips
- Mock Interview's

QualityThought®
Transforming Dreams! Redefining Future!

STUDENT TRANSFORMATION STAGES

Student's Enrollment → Training → Mock Interview → Resume Preparation → Interview Schedule → JOB

OUR STUDENTS ARE PLACED IN

wipro, LARSEN & TOUBRO, Apollo HOSPITALS, Cognizant, Microsoft, servicenow
amazon, S&P Global, Aadvi Tech Solutions, Medtronic, meslova, {actlogica} Actuarial | Finance | Technology
Sunseaz Technologies Pvt Ltd, CAPRUS IT, SOLUGENIX, Collabera Value. Accelerated., i Prism Technologies, NOOR
VALUEMOMENTUM, PERVACIO, MIRABEL TECHNOLOGIES, erwin, STIC Soft When you need the results, sumtotal A Skillsoft Company
Nendrasys Accelerating Business Transformation, magnasoft, Innominds Powering the Digital Next, High Noon Consulting. Possible Is Everything, JRD SYSTEMS, ValueLabs
&techforce.ai, ENVISION, splashBI, archents, techolution, SOLIX Empowering Data Management

QualityThought
99080 37679

Quality Thought Infosystems India (P) Ltd.
#302, Nilgiri Block, Ameerpet, Hyderabad-500016 | www.qualitythought.in | info@qualitythought.in