**Work Breakdown Structure (WBS)**

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**Technological modernisation of software, hardware systems and Design, implementation of a modern website at Boutique B**

IT Biz Solutions

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# Introduction

The Work Breakdown Structure presented here represents all the work required to complete the Technological modernisation of software, hardware systems and Design, implementation of a modern website at Boutique Build Australia project.

# Outline View

1. Modernisation of systems and Building a modern Website
   1. Initiation
      1. Evaluation & Recommendations
      2. Develop Project Charter for each project
      3. Submit Project Charter for both projects
      4. Project Sponsor Reviews Project Charter
      5. Project Charter Signed/Approved
   2. Planning
      1. Create Preliminary Scope Statement
      2. Determine Project Team for each project
      3. Team Modernisation of systems Kickoff Meeting
      4. Team Building a Modern website Kickoff Meeting
      5. Develop Project Plan for both projects
      6. Submit Project Plan
      7. Project Plan Approval
   3. Execution
      1. Team Modernisation of systems Kickoff Meeting
         1. Implementation of new IT infrastructure to the cloud
            1. Research cloud platform providers
            2. Choose a provider that guarantees scalability, support, and security within your budget
            3. Review and validate with the client
            4. Sign compliance certificate
            5. Sign a contract with the provider
            6. Evaluate databases in the legacy system
            7. Evaluate core applications and technical requirements
            8. Evaluate available plans and configurations
            9. Evaluate available infrastructure configurations
            10. Evaluate scalability and security options
            11. Select the most appropriate infrastructure and configuration
            12. Acquire necessary licenses
            13. Review and validate with the client
            14. Sign compliance certificate
            15. Create backups of legacy databases
            16. Normalize data in legacy databases
            17. Migrate databases to the cloud platform
            18. Validate and test migrated data to the cloud
            19. Configure the cloud infrastructure
            20. Configure scalability and fault tolerance mechanisms
            21. Perform infrastructure testing
            22. Analyse core application performance
            23. Design native versions of core applications
            24. Review and validate with the client
            25. Sign compliance certificate
            26. Develop core applications on the cloud
            27. Deploy core applications in the cloud
            28. Perform functional and performance tests
            29. Apply security configurations suggested by the vendor
            30. Perform testing and adjust
         2. New work devices and implement remote access tools
            1. Research enterprise equipment providers in the area
            2. Choose the provider that guarantees availability, uptime, and support
            3. Review and validate with the client
            4. Sign compliance certificate
            5. Sign a contract with the provider
            6. Evaluate available hardware configurations
            7. Select hardware configurations
            8. Select the most reputable VPN provider available in the region
            9. Review and validate with the client
            10. Sign compliance certificate
            11. Sign a contract with the provider
            12. Configure access control and authentication
            13. Test remote connectivity
            14. Distribute and configure new work devices
            15. Receive and inventory work devices
            16. Install the operating system, corporate software, and security tools
            17. Distribute work devices to staff
         3. Staff training and documentation
            1. Design a training plan
            2. Prepare training sessions, user manuals, and reference guides
            3. Organize training sessions
            4. Conduct training sessions
            5. Collect feedback
      2. Team Building a Modern website Kickoff Meeting
         1. Sprint Planning
            1. Define product backlog
            2. Create story points, prioritize tasks, and estimate effort
            3. Plan Sprints
            4. Define objectives
            5. Define Sprint durations
            6. Define deliverables
            7. Research appropriate technologies and frameworks for the project
            8. Design a connection to the cloud database
            9. Perform proofs of concept and connection to the cloud database
            10. Choose technologies and frameworks
            11. Review and validate with the client
            12. Sign a compliance certificate
            13. Acquire licenses
            14. Sign agreements with suppliers
         2. Sprint Execution (Iteration)

Daily Scrum meetings

UI/UX Design

Frontend Development

Backend Development

Functionality and usability testing

Review with the client

* + - * 1. Sprint Review & Product Demo

Present Sprint results to the client

Collect feedback and list requested changes

* + - * 1. Sprint Retrospective

Analyse team performance Development

Identification of improvements for the next Sprint

* + - 1. Final Integration and Deployment
         1. Final site testing
         2. Final client approval
         3. Publication of the site to production
         4. Apply security policies
         5. Perform general and security testing
      2. – Documentation and training
         1. Create and deliver technical documentation, user manuals, and site administration
         2. Training the client's marketing team
      3. Project Building website closure
  1. Control
     1. Project Management Modernisation of systems
     2. Project Management Building a Modern website
     3. Project Status Meetings Modernisation of systems
     4. Project Status Meetings Building a Modern website
     5. Risk Management Modernisation of systems
     6. Risk Management Building a Modern website
     7. Update Project Management Plan Modernisation of systems
     8. Update Project Management Plan Building a Modern website
  2. Closeout Building a Modern website
     1. Audit Procurement
     2. Document Lessons Learned
     3. Update Files/Records
     4. Gain Formal Acceptance
     5. Archive Files/Documents