Waterfall Model Documents

Waterfall Project1 – Part -1/2 – 100 Marks - Pass 60 %

Instructions to follow:

1. Copy paste (either image, diagram or text) is not entertained. If done, the document will not be evaluated.
2. After submission of the answers of this exam, you should be prepared to attend viva and justify your answers in the exams. If in Viva, participant is NOT justifying the answers, Viva will be repeated until Candidates justify 60% correctness.
3. Mentor calls are scheduled only if the participant have submitted their task at least for one time. (should apply their knowledge in this task first)
4. For attempting the exams participant should be thorough on the topics using their references.
5. Please format the document properly (Always have a question no., question and answer).
6. Have a consistent format (Font name: Arial/ Calibri -Font size 12, Font Color: Black).
7. Answers should be elaborated in detail (not as per the allotted marks).
8. Please focus on learning and applying the knowledge as this knowledge will be helpful in contributing at your BA job.
9. In the evaluation, students must answer all questions and should be able to justify at least 60% content and correctness of each answer.

Part 1/2 Evaluation

Document 1- Business case document template
Document 2: BA Strategy
Document 3- Functional Specifications
Document 4- Requirement Traceability Matrix
Document 5- BRD Template

Document 1- Business case document template

- ➢ Why is this project initiated?
- ➢ What are the current problems?
- ➢ With this project how many problems could be solved?
- ➢ What are the resources required?
- ➢ How much organizational change is required to adopt this technology?
- ➢ Time frame to recover ROI?
- ➢ How to identify Stakeholders?

Document 2: BA Strategy

Write BA Approach strategy (As a business analyst, what are the steps that you would need to follow to complete a project – What Elicitation Techniques to apply, how to do Stakeholder Analysis RACI/ILS, What Documents to Write, What process to follow to Sign off on the Documents, How to take Approvals from the Client, What Communication Channels to establish n implement, How to Handle Change Requests, How to update the progress of the project to the Stakeholders, How to take signoff on the UAT- Client Project Acceptance Form)

Document 3- Functional Specifications

Project name	
Customer name	
Project Version	
Project Sponsor	
Project Manager	
Project Initiation date	

Functional Requirement specifications:

Req ID	**Req Name**	**Req Description**	**Priority**
FR0001	Login	User should be able to login to the application to do inventory operations	10

Document 4- Requirement Traceability Matrix

Req ID	Req Name	Req description	Design	D1	T1	D2	T2	UAT
FR0001	login	User must be able to login to access the application	Yes	Pending	No	Yes	Yes	YES

Document 5- BRD Template

admin

<Project Name >

<Project ID>

<Version ID>

<Author>

Contents

1. Document Revisions

Date	Version Number	Document Changes
05/02/20xx	0.1	Initial Draft

2. Approvals

Role	Name	Title	Signature	Date
Project Sponsor				
Business Owner				
Project Manager				
System Architect				
Development Lead				
User Experience Lead				
Quality Lead				
Content Lead				

3. RACI Chart for This Document

The RACI chart identifies the persons who need to be contacted whenever changes are made to this document. RACI stands for responsible, accountable, consulted, and informed. These are the main codes that appear in a RACI chart, used here to describe the roles played by team members and stakeholders in the production of the BRD. They are adapted from charts used to assign roles and responsibilities during a project.(RACI Can be made for IT side[Project stakeholder] as mentioned above, apart from that Can also Be made for Client side[Business Stakeholder]).

The following describes the full list of codes used in the table:

Codes Used in RACI Chart

*	Authorize	Has ultimate signing authority for any changes to the document.
R	Responsible	Responsible for creating this document.
A	Accountable	Accountable for accuracy of this document (for example, the project manager)
S	Supports	Provides supporting services in the production of this document
C	Consulted	Provides input (such as an interviewee).
I	Informed	Must be informed of any changes.

RACI Chart

Name	Position	*	R	A	S	C	I

4. Introduction

4.1. Business Goals

[This should describe the organization goals& Organization Need]

Need:

4.2. Business Objectives

To provide an IT solution for:

List what the functionalities are going to develop in software

Mobile application for android and for ios

E LEARNING MANAGEMENT SYSTEM.

HRMS

4.3. Business Rules

[List Organization Policies, Procedures, and Rules& Regulations]

4.4. Background

[Provide a brief history of how the project came to be proposed and initiated, including the business issues/problems identified, and expected benefit of implementing the project/developing the product.]

4.5. Project Objective

[*These should describe the overall goal in developing the product, high level descriptions of what the product will do, how they are aligned to business objectives, and the requirements for interaction with other systems*]

4.6. Project Scope

[What we are going to develop in the current project]

4.6.1. In Scope Functionality

[List what functionalities we are going to do with in the project in bullets]

4.6.2. Out Scope Functionality

[List of functionality what is not included in the current project]

5. Assumptions

[List all assumptions requirements are based on]

6. Constraints

[List all Constraints]

7. Risks

In this section of the BRD, you describe risks. A *risk* is something that could affect the success or failure of a project. Analyze risks regularly as the project progresses. While you may not be able to avoid every risk, you can limit each risk's impact on the project by preparing for it beforehand. For each risk, you'll note the likelihood of its occurrence, the cost to the project if it does occur, and the strategy for handling the risk. Strategies include the following:

- **Avoid:** Do something to eliminate the risk.
- **Mitigate:** Do something to reduce damage if risk materializes.

- **Transfer:** Pass the risk up or out to another entity.
- **Accept:** Do nothing about the risk. Accept the consequences.

Technological Risks

This subsection of "Risk Analysis" specifies new technology issues that could affect the project.

Skills Risks

This subsection of "Risk Analysis" specifies the risk of not getting staff with the required expertise for the project.

Political Risks

This subsection of "Risk Analysis" identifies political forces that could derail or affect the project.

Business Risks

This subsection of "Risk Analysis" describes the business implications if the project is canceled.

Requirements Risks

This subsection of "Risk Analysis" describes the risk that you have not correctly described the requirements. List areas whose requirements were most likely to have been incorrectly captured.

Other Risks

In this subsection of "Risk Analysis," document any other risks not covered in the prior subsections.

8. Business Process Overview

[This describes the overall process flow from each phase]

8.1. Legacy System (AS-IS)

[Brief Explanation about the process in legacy system and draw process flow diagrams]

8.2. Proposed Recommendations (TO-BE)

[Describe the recommended process and how the proposed system will address the challenges in legacy system]

9. Business Requirements

[The specific business requirements elicited from stakeholders should be listed, categorized by both priority and area of functionality to smooth the process of reading and tracking them. Include links to use case documentation, and other key reference material as needed to make the requirements as complete and understandable as possible. You may wish to incorporate the functional and non-functional requirements into a traceability matrix that can be followed throughout the project]

10. Appendices

10.1. List of Acronyms

10.2. Glossary of Terms

10.3. Related Documents