

## Waterfall Model Documents

Waterfall Project2 – Part -2/2 – 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 2/2 Evaluation

Document 6- Please prepare a use case diagram, activity diagram and a use case specification document.

Document 7- Screens and pages

Document 8- Tools-Visio and Axure

Document 9- BA experience

My experience as BA in following phases:

1. Requirement gathering:
2. Requirement Analysis:
3. Design:
4. Development:
5. Testing:
6. Deployment:

**Document 6- Please prepare a use case diagram, activity diagram and a use case specification document.**

1. Use case Name
2. Use case Description
3. Actors Primary Actors Secondary actors
4. Basic Flow
5. ALTERNATE FLOW
6. Exceptional flows
7. Pre- Conditions
8. post-conditions
9. Assumptions
10. Constraints
11. Dependencies
12. Inputs and Outputs
13. Business Rules
14. Miscellaneous Information

## Document 7- Screens and pages

Please follow the following steps to create the mock-ups

1. Kindly use balsamic or Axure.
2. Always start with a home page of an application.
3. Take a feature and follow it to the end
  - a. Eg: Home page of SCRUM Foods
  - b. Select Login- Create a login page
  - c. Let's assume, you want to search a restaurant
  - d. Search page- Type the restaurant name and select the dish
  - e. Add to cart page
  - f. Payment page
  - g. Logout page

## Document 8- Tools-Visio and Axure

Write a paragraph on your experience using Visio and Axure for the project.

## Document 9- BA experience

**My experience as BA in following phases:**

### 1. Requirement gathering:

- To gather requirements, we used MOSCOW technique.
- Client is not available for some period of time during this phase. So as a BA i need to source out point of contacts from his side and get the information ASAP.
- I validate the requirements using FURPS technique
- There are many requirements which are duplicated or repeated. We need to remove them immediately
- Prototyping is used to give more specific requirements

### 2. Requirement Analysis:

- We need to draw UML diagrams to visually describe the requirements
- Activity diagrams also used to describe the process flow
- Communicate the diagrams to team. Some team members might not agree with them and might make changes. As a BA we need to consider the points and make modifications
- Prepare BRS and SRS

**3. Design:**

- From the use case diagrams, we prepare test cases
- Communicate with client on design and solution documents
- Write negative test cases as well along with positive test cases.
- Do not miss a single test case. It might have huge impact on project development in later stages
- Prepare test data for testing
- Update RTM. This is just as we need to make sure that all the requirements are met

**4. Development:**

- Organized JAD sessions
- Clarifying queries of tech team during coding
- There might be some team members who doesn't agree with the concept or who doesn't cooperate during JAD sessions. As a BA i handle the situation gently and had one on one discussion with them. Explained how their actions are going to affect the project. Setup healthy environment within the team.
- Referred diagrams to code the Unit
- Conduct regular meetings with technical team and client which is challenging. Some team members might not be available for the meeting. Recording the session and providing that to missed one and having one to one discussion later with that missed person is all i need to do

**5. Testing:**

- Prepare test cases from use cases
- Perform high level testing
- Test data is requested by BA from client
- Updated RTM
- Take signoff from client
- Prepare client for UAT

**6. Deployment:**

- Forwarded RTM to client which should be attached to project closure document
- Coordinates to complete and share end user manuals
- Plans and organizes training sessions
- Make sure all the candidates attend the meeting