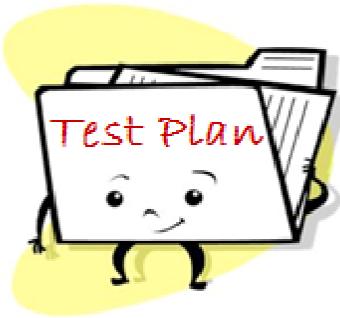
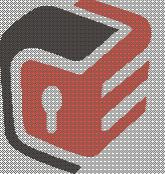




BruteForce Solutions Inc.
Creating path for success...

Documents

Test Plan



Test Plan

Test Plan is a document that describes how the testing will be conducted.

Content of Test Plan:

Introduction

Application Details

Testing In Scope/ Out Scope

Roles and Responsibilities

Supporting Documents

System test strategy

Test Schedule/ Testing Cycle

Assumption and Dependencies

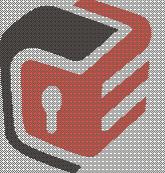
Test Data/Test Environment

Entry/Exit Criteria

Glossary

Let's Take a look
A Sample Test Plan

BRD (Business Requirement Document)



BRD(Business Requirement Documents)

BRD contains all the Business requirements of the users/customers. The requirements given by the end users or customers are collected into a single document called as BRD document.

Content of BRD:

Introduction

Requirement Scope

Functional Requirement

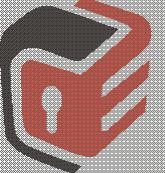
Non Functional Requirements

Data Requirements

Business Glossary

Let's Take a look
A Sample BRD

FRD (Functional Requirement Document)



FRD/FRS (Functional Requirement Documents/Specification)

FRD/FRS has all the functional requirements that the application must have or how the application should behave. FRD/FRS is prepared by BA, Architect and Project Lead.

Content of FRD:

3.3.3 Functional Requirements

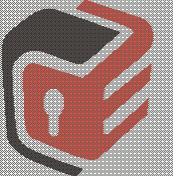
System displays page with explanatory text

"Continue" button

3.3.4 Page Elements

Confirmation page Elements	Description		Remarks
Explanatory text	Text: <see above>		
Button	Button		Allows user to close page and continue interaction with site at page viewed at start of functional flow

Let's Take a look
A Sample FRD

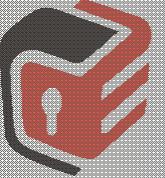


Wireframe/Prototype

What is wireframe

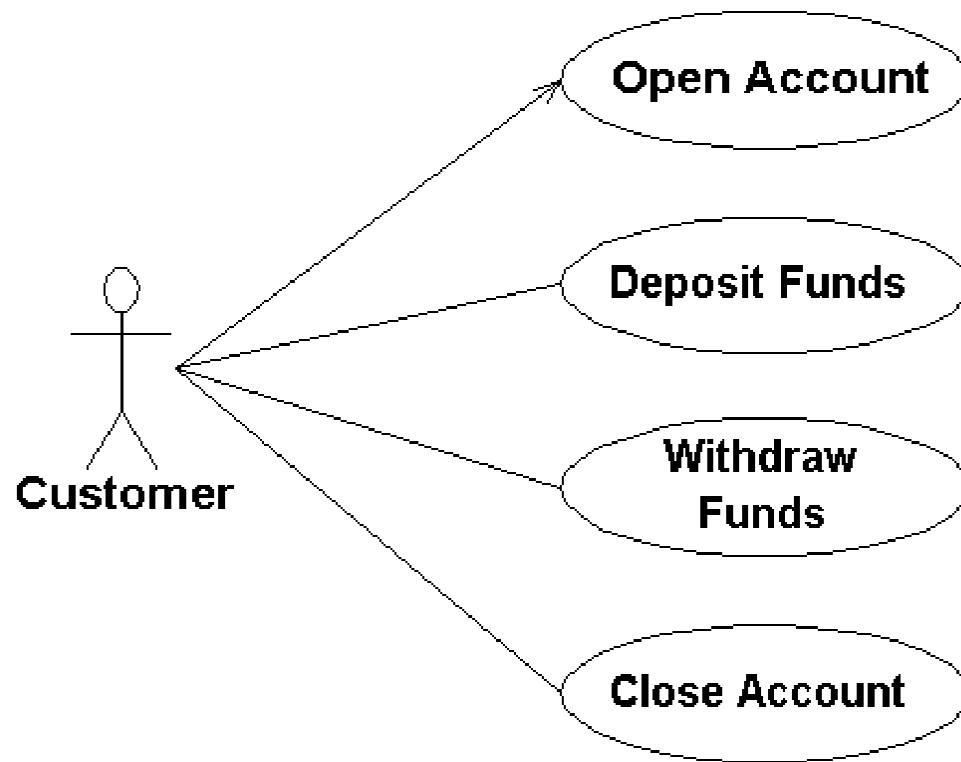
Wireframe also known as prototype is a working model of a product or information system, usually built for demonstration purposes.

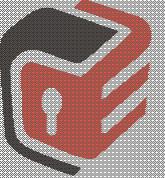




Use Case

Banking Application: Relationship with Customer





Use Case

What is Use Case

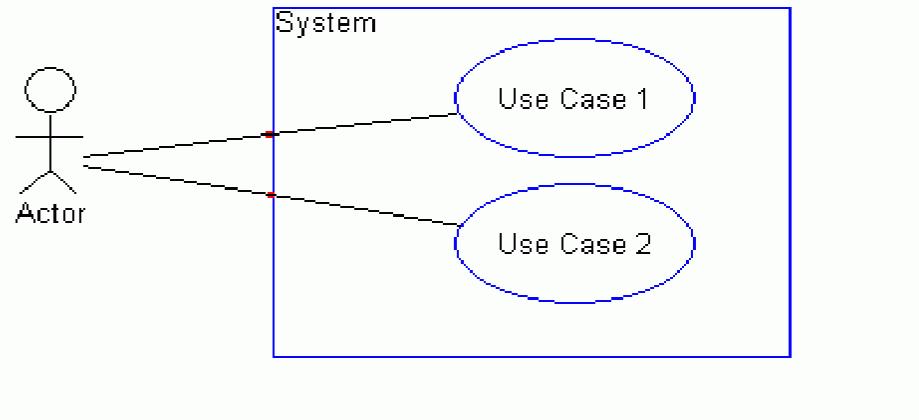
Use case diagram represents where actor performs some action to achieve a goal.

Use case Components:

Actor

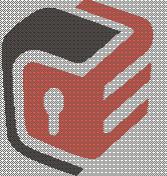
The actor can be a human or an external system.

Use case



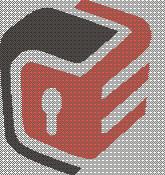
Question & Answer





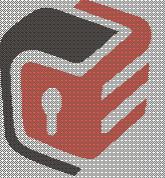
Summary Of Key Concept

- ☒ Test Plan is a document that describes how the testing will be conducted
- ☒ Test plan also describes the scope, approach, resources, and schedule of testing. It identifies test items, features to be tested, testing tasks, and any risks requiring contingency planning
- ☒ QA Analyst's responsibility to write test plan
- ☒ Test plan can be written during the requirement analysis phase
- ☒ A project can have only one test plan
- ☒ In test plan, introduction section describes the summary of the entire project
- ☒ In test plan, application details describe the high level functional description of the system
- ☒ In test plan, in scope describes what functionalities or systems need to be tested and out scope describes what functionalities or systems will not be tested.
- ☒ In test plan, roles and responsibilities describes who does what and owner of each tasks. For example, BA's responsibility is to create/upgrade/maintain requirement documents, QA's responsibility is to conduct the whole testing process and provide signoff and so on.
- ☒ Based on what documents testing process or test cases will be created are described on supporting documents section
- ☒ In test plan, test strategies describes the testing technique and tools to be used for testing
- ☒ In test plan, schedule describes the testing commence date and testing end date



Summary Of Key Concept

- ❑ Any dependencies like test data creation, test environment setup are described in dependencies section
- ❑ Whether production data will be used for testing or mock up data will be created to test the application are described in Test Data section
- ❑ In which environment testing will be conducted is described in test environment section
- ❑ In test plan, entrance/exit criteria describes how testing will start and end.
- ❑ Before start testing, test cases development should be completed and reviewed
- ❑ All test cases must be executed, open defects must be retested/closed and regression testing must be completed
- ❑ BRD contains business requirements of the users/customers. The requirements given by the end users or customers are collected into a single document called BRD document.
- ❑ Business Analyst prepare business requirement documents
- ❑ Business Analyst is the point of contact person for any requirement clarification
- ❑ In absence of business analyst, project manager can be point of contact for requirement clarification
- ❑ FRD/FRS has all the functional requirements that the application must have or how the application should behave.
- ❑ FRD/FRS is prepared by BA, Architect (tech lead) and Project Lead.
- ❑ A prototype/wireframe is a working model of a product or information system, usually built for demonstration purposes.



Summery Of Key Concept

- ❖ Use case diagram represents where actor performs some action to achieve a goal.
- ❖ The actor can be a human or an external system.
- ❖ Use case describe the story of a system and use case is designed using Unified Modeling Language (UML)
- ❖ Use case describes "who" can do "what" with the system

- ⌚ What is the difference between Test Plan and Test Strategy?
- ⌚ Have you ever written test plan? What should be included in test plan?
- ⌚ What is your plan test plan or process of approaching your testing?
- ⌚ Have you ever write test cases from Use Case? What is the difference between Use Case & User Story?
- ⌚ How did you write your test cases?
- ⌚ On what basis you write test cases?
- ⌚ If you don't have any requirement document how would you write test cases? What will be your approach?
- ⌚ Can you please explain the situation where you don't have any requirement document? How did you build your test cases?
- ⌚ If you do not understand any requirement, whom should you contact?
- ⌚ If you have very high level BRD how do you write test cases from there?

