**Business Requirements Document**

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# 1 Overview

*Create a website for Voizfonica to reduce the human intervention.*

## 1.1 Background

*Voizfonica has its legacy system currently which has to be automated through the website.*

**1.2 Objectives**

*Create a website as per the Voizfonica requirements.*

**1.3 Related Projects & Dependencies**

*None*

## 1.4 Stakeholders

|  |  |  |
| --- | --- | --- |
| **Acronym** | **Description** | **Role** |
| **\*** | 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 (e.g. project manager) |
| **S** | Supports | Provides supporting services in the production of this document |
| **C** | Consulted | Provides input |
| **I** | Informed | Must be informed of any changes |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Position** | **\*** | **R** | **A** | **S** | **C** | **I** |
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| Sudha | Developer |  |  | X | X | X | X |
| Naresh | Developer | X |  |  |  |  |  |
| Vishnu | Developer |  | X | X |  |  |  |

## 1.5 Proposed Strategy

Separate into tasks and MO review.

## 1.6 Glossary

|  |  |  |
| --- | --- | --- |
| **Term** |  | **Description** |
| BW | Biweekly |  |
| SM | Semi monthly |  |
| MO | Monthly |  |

# 2 Product/Solution Scope

**2.1 Included in Scope**

*Creation of website.*

**2.2 Excluded from Scope**

*N/A*

**3 Business Requirements**

## 3.1 User Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | UI standards | Logo creation at the center | H | - |
| **2** | UI standards | Login and new user buttons at the middle of the page. | H | - |
| **3** | UI standards | Hamburger to the top left and menus when clicked | H | - |
| **4** | UI standards | User profile icon next to the hamburger displays user profile details | H | - |
| **5** | UI standards | Existing user login page when clicked asks for username and password. | H | - |
| **6** | UI standards | Create new account page where the user registers. | H | - |
| **7** | UI standards | Complaints page with some general options or otherwise a comment box if the options doesn’t matches with the user’s complaint. | H | - |
| **8** | UI standards | Feedback page with ratings to be given by the user. | H | - |
| **9** | UI standards | Bills page   * Pay bills * Payment history * Request e-bills * Change your current plan | H | - |

## 3.2 Functional Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | UI standards and guidelines | When searched for Voizfonica, link has to be displayed in Google. | H | - |

## 3.3 Reporting Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Sample | Website sample | M | - |

# 4 Non­Functional Requirements

## 4.1 System­wide Capabilities

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***Auditing and Reporting*** | *Describes the types of records, reports, etc. required by auditors* |
| ***Activity Logging*** | *Describes the activity records required to support IT or business services and the length of time that the records must be kept* |
| ***Licensing*** | *Describes requirements related to the installing, tracking, and monitoring of licenses* |
| ***Security\**** | *Describes security requirements related to access to data, privacy restrictions, etc.* |
| ***Rules of Precedence*** | *Describes dependencies and precedence rules regarding performing services and processes, the movement of work items, approvals, etc.* |
| ***Concurrency*** | *Describes the number of users that must be able to be engaged in the same operation at the same time* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Activity logging | Maintain records for each task | H | - |
| **2** | Concurrency | 10,000 to 1 lakh minimum(users using the website) | H | - |
| **3** | Security | Copy rights | H | - |
| **4** | Auditing and reporting | In excel/word document | H | - |

## 4.2 Usability Requirements

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***User Friendliness*** | *Describes requirements related to the ease with which users are able to access and use the service* |
| ***UI Standards & Guidelines*** | *Describes standards and guidelines that constrain the design of the user interface* |
| ***Accessibility*** | *Describes accessibility requirements for various user types and/or groups* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | User Friendliness | Flash sales | H | - |
| **2** | User Friendliness | Daily sales | H | - |

## 4.3 Reliability Requirements

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***Accuracy*** | *Describes the degree of correctness required for metrics generated by the services covered in this project* |
| ***Precision*** | *Describes the level of exactitude required* |
| ***Availability*** | *Describes the system’s ability to perform its required function at a stated instant or over a stated period of time. This might include,*   * ***MTBF*** *(Mean Time Between Failures): Mean time between an occurrence of a service failure and a failure of the same service.* * ***MTBSI*** *(Mean Time Between System/Service Incidents): Mean time between the occurrence of a system or service failure and the occurrence of the next failure.* |
|  | * ***MTRS*** *(Mean Time to Restore Service): Mean elapsed time to fix and restore a service, from the time an incident occurs until it is available to the customer.* * ***MTTR*** *(Mean Time to Repair): Mean time to repair a Configuration Item or IT service after a failure, measured from when the CI or IT service fails until it is repaired (not including the time required to recover or restore).* * ***Detection/recording****: Time between occurrence of an incident and*   *its detection.* |
| ***Redundancy*** | *Describes extra assets required to support reliability and sustainability requirements. This includes:*    ***Active redundancy****: Supports continuous operation of non-interruptible services* ***Passive redundancy****: Supports reliability requirements for services that may be interrupted* |
| ***Error-Handling*** | *Describes the types of errors the system should be able to handle and the ways the system should respond to these errors e.g. System Faults, Undesirable Actions, Error Avoidance, etc.* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Error handling | Alignment in mobile and desktop. | H | - |
| **2** | Accuracy | 100% user requirements to be met. | H | - |

## 4.4 Performance Requirements

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***Stress*** | *Describes the degree of simultaneous activity that the system must be able to support* |
| ***Turnaround-Time*** | *Describes the maximum allowable wait time from service request until delivery* |
| ***Response-Time*** | *Describes the maximum allowable time that a user must wait for a response after submitting input* |
| ***Throughput*** | *Describes the volume of transactions or information per unit of time that the system must be able to process.* |
| ***Startup and Shutdown*** | *Describes constraints on startup and shutdown procedures* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Stress | Flash sales and daily sales | H | - |
| **2** | Response-Time | Website display without buffering | H | - |
| **3** | Throughput | Display all informations at once | H | - |

## 4.5 Supportability Requirements

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***Scalability*** | *Describes the system’s ability to expand/ grow* |
| ***Expected Changes*** | *Describes expected changes in services, such as those due to regulations or changing market conditions, and how these how these changes are to be accommodated* |
| ***Maintainability*** | *Describes the acceptable degree of effort required to change a process* |
| ***Configurability*** | *Describes the required ability to adjust the assembly of the product or solution, such as by adding or removing components* |
| ***Localizability*** | *Describes the ability of the product or solution to be geared toward local conditions and requirements, such as the requirement to support different languages, tax systems, etc.* |
| ***Installability*** | *Describes requirements related to system installation and the ease with which it can be done* |
| ***Compatibility*** | *Describes components that the system under design must be compatible with, such as drivers, operating systems, etc.* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Scalability | Whole website navigation | L | - |
| **2** | Configurability | For navigation and advertisements | H | - |

## 4.6 Testing Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Domain name testing | Working of domain address | H | - |

## 4.7 Training Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Language | Train team with Java technology. | H | - |

## 4.8 Backup/ Recovery Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** |  | Codes in server | H | - |
| **2** |  | Developer’s machine | M | - |

## 4.9 Other Constraints

|  |  |
| --- | --- |
| ***Requirement Type*** | ***Description*** |
| ***Design*** | *Describes constraints on the design of the product or solution* |
| ***Implementation*** | *Describes constraints on the construction of a product or solution, such as the constraint that a specific programming language must be used* |
| ***Interface*** | *Describes protocols, formats, and so on that must be followed when interfacing with external organizations or systems* |
| ***Physical*** | *Describes physical constraints on the product or solution, such as hardware restrictions related to size, temperature control, and materials* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Req ID** | **Requirement Type** | **Requirement Description** | **Priority [L/M/H]** | **Comments** |
| **1** | Design | As per user requirements | H | - |
| **2** | Interface | Format as mentioned in user requirements | H | - |

## 