

[www.bcx.co.za](http://www.bcx.co.za/)

Assessment Instructions

(V1)

## **Document Control**

|  |  |
| --- | --- |
| Item | Value |
| Document Date | 16 October 2019 |
| Author/s: | Johan Kitching / Pierre Van Wyk |
| Security Level: | Applicant BCX only |
| Document Name: | Assessment Instructions |
| Document Stored As: | Assessment Instructions.docx |
| Special Instructions: |  |

## **Revision Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Date | Revised by | Description of Major Changes |
| V1 | 16/10/2019 | JK | Initial draft |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Content

[Document Control 2](#_Toc22193819)

[Revision Control 2](#_Toc22193820)

[1 Executive Summary 4](#_Toc22193821)

[2 Document Control 4](#_Toc22193822)

[2.1 Distribution 4](#_Toc22193823)

[2.2 Estimated Time Quote 4](#_Toc22193824)

[2.3 Approval 4](#_Toc22193825)

[3 Scope: 4](#_Toc22193826)

[3.1 Project Objectives 4](#_Toc22193827)

[3.2 Project Scope 4](#_Toc22193828)

[4 Business Requirement 5](#_Toc22193829)

[5 Functional Requirement 6](#_Toc22193830)

[Requirement one 6](#_Toc22193831)

[Requirement Two 7](#_Toc22193832)

[6 Assessment Measurement and Requirement 8](#_Toc22193833)

# Executive Summary

Assessment to determine applicant skill level.

# Document Control

# Distribution

|  |  |  |
| --- | --- | --- |
| Name and Surname | Designation | Company |
| Pelo Malotle | Development Manager | BCX |
| Johan Kitching | Senior Developer | BCX |
| Pierre Van Wyk | Senior Developer | BCX |

# Estimated Time Quote

|  |  |  |
| --- | --- | --- |
| Development Area | Time | Cost |
| Web Assessment | 1 week | R0.00 |

# Approval

|  |  |  |
| --- | --- | --- |
| Name and Surname | Designation | Signature |
|  |  |  |
|  |  |  |
|  |  |  |

# Scope:

In scope

# Project Objectives

The project objectives are as follows:

* Add, remove, edit user details.
* Assign user roles by groups or custom privileges.

# Project Scope

In scope

# Business Requirement

The table below lists the Business requirements

|  |  |
| --- | --- |
| BR# | Business Requirement Description |
| BR1 | Add, remove, edit, view current user details. |
| BR2 | Assign user roles by groups or custom privileges. |

# Functional Requirement

## Requirement one

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BR# | | Field Name | Intended Function | Acceptance Criteria |
| BR1 | 1 | New User | Create new user | Required fields   * Name * Surname * E-mail * Cell * Username (unique) * Password with 8+ char including a special char and number   Optional field   * Address * Job Title |
| BR1 | 2 | Edit User | Edit user | Required fields   * Name * Surname * E-mail * Cell * Password with 8+ char including a special char and number   Optional field   * Address * Job Title |
| BR1 | 3 | Remove | Remove user | Archive user and disable login for the user. |
| BR1 | 4 | View | View user | View captured user details and user rights |

## Requirement Two

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BR# | | Field Name | Intended Function | Acceptance Criteria |
| BR2 | 1 | User Roles | Select from a drop down user Role | **When a role is selected the matching rights should select automatically.**  Roles   * Admin(Full rights) * Support (View and edit users) * Manager (Create User, View User) * User (View and edit Own details Only) * Custom   Available Roles   * View users * View own details * Edit users * Edit own user * Create new user * Remove user |

# Assessment Measurement and Requirement

6.1 Assessment will be measured on the following:

* Can the site manage users and user roles according to roles and right
* Optimization of DB
* Fixed bugs in the supplied code
* Fixed bugs in DB setup
* Improve / Remove redundant code
* Added code to finish project.

6.2 Requirement

* Document changes. (Comments)
* Basic user manual
* Add Css to make the site more attractive. Any existing library can be used.
* Error Logging
* When done.
  + Setup site on a free hosting service (e.g <https://infinityfree.net/>).
  + Load code and database dump on Github or FTP.
  + Send credentials for FTP or link to Github repo.
  + Create Admin login.
    - Username: Admin
    - Password: Password@123
  + Include your basic user manual in your submission.