



Freelance Hire Website

Business Requirements Document

V 1.0

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Role			
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Date			

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1.0 Introduction

1.1 Purpose of this document

This document is aimed at:

- Providing the necessary inputs to the detailed requirements gathering phase and further on for the SDLC processes.
- This document also serves to establish the traceability between the Business Objectives and the requirements identified in the proposed solution and how they satisfy the stated objectives.
- Provide expectation traceability in terms of the requirements and the user expectation
- Serves as a formal template for documenting the Business Requirements which also includes statutory and regulatory requirements.

The purpose of this document is to systematically capture the requirements of the project and the system to be developed. The document also captures the Functional requirements and serves as an input for the scope of project.

1.2 Project Overview

1.2.1 Objectives

Below are the objectives that shall be fulfilled post the execution of this project:

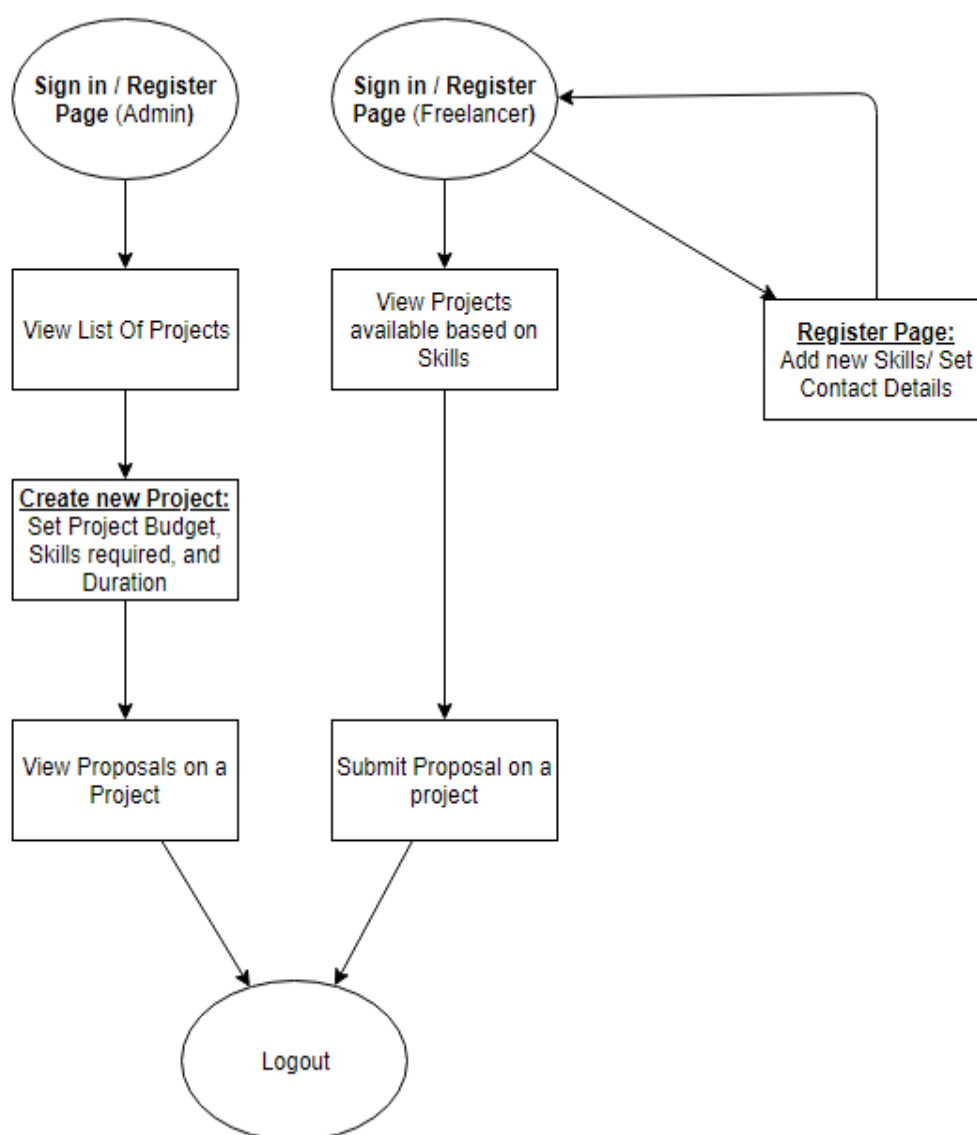
- User/Freelancer registration & credential authentication.
- Admin registration & credential authentication.
- Updation and Maintenance of project details by the Admin.
- Addition or updation of Skills by Freelancer.
- Filtering projects based on Skills by Freelancer.
- Submission of proposal by Freelancer if skills match.
- Viewing proposals on the project and accepting proposal by Admin.
- Viewing of the submitted proposal status by Freelancer.

1.3 Intended Audience

- Interns/Project Team
- Mentors and SME's
- Delivery assurance/excellence group

2.0 Process Architecture

Below is the overall functional flow of the project including the components of interaction



3.0 High Level Business Requirements

Note - Primary focus is to complete developing the critical requirements (highlighted in Yellow) and then to proceed with the remaining requirements.

S.No.	Business Requirement ID	Short Description	Description in detail	Interacting Business Processes
1	Req_1	Admin Registration	Ability of the system to procure the fundamental details of the admin	
2	Req_2	Admin Authentication	Ability of the system to authenticate the admin credentials of the registered admin	
3	Req_3	User Registration	Ability of the system to procure the fundamental details of the user	
4	Req_4	User Authentication	Ability of the system to authenticate the user credentials of the registered user	
5	Req_5	Project Details	Ability of the system to procure the details of a project	
6	Req_6	Proposal Submit	Ability of the system to procure the details of a proposal submission	
7	Req_7	Proposal Processing	Ability of the system to process the submitted Proporsal.	
8	Req_8	Proposed Project details	Ability of the system to display the Proposed Project status to the User	

4.0 Detailed Business Requirements

4.1 Functional Requirements

The functional requirements are charted for each of the high level requirements called out in the earlier section:

Additionally, the following elements are captured for each business requirement in the table provided below:-

* Req. Type = (F Core Functionality, E Exception, UI User Interface, R Reporting)

** Priority of Requirement = (1=Base Functionality, 2=Advanced Functionality,
3=Additional Opportunities)

** Originator = (Name of the business process of the system/ department or function

name in the customer organization)

The Requirements in this document are prioritized as follows:

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The project will not be possible without this requirement.
2	High	This requirement is high priority, but the project can be implemented at a bare minimum without this requirement.
3	Medium	This requirement is somewhat important, as it provides some value but the project can proceed without it.
4	Low	This is a low priority requirement, or a "nice to have" feature, if time and cost allow it.
5	Future	This requirement is out of scope for this project, and has been included here for a possible future release.

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_1.1	Admin Registration	When the admin clicks on Admin Registration link, it should re-direct to registration form	F	Critical	NA	Req_1	
Req_1.2	Admin Registration	Admin needs to fill some of the basic attributes/fields as mentioned below in the requirement: First Name, Last Name, Contact Number, Email, Password	UI	Critical	NA	Req_1	
Req_1.3	Admin Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_1	
Req_1.4	Admin Registration	Admin failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Req_1	
Req_1.5	Admin Registration	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_1	
Req_1.6	Admin Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	UI	Medium	NA	Req_1	
Req_2.1	Admin Credential Authentication	A registered admin – is able click 'Admin Login' link, after keying in 'Email' & 'Password' field and get his credentials authenticated with the existing database entry.	F	Critical	NA	Req_2	

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_3.1	User Registration	When the User clicks on User Registration link, it should re-direct to User registration form	F	Critical	NA	Req_3	
Req_3.2	User Registration	User needs to fill some of the basic attributes/fields as mentioned below in the requirement: First Name, Last Name, Contact Number, Email, Password	UI	Critical	NA	Req_3	
Req_3.3	User Registration	User needs to select his Skills from available checkboxes	UI	Critical	NA	Req_3	
Req_3.4	User Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_3	
Req_3.5	User Registration	Users failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Req_3	
Req_3.6	User Registration	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_3	
Req_3.7	User Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	E	Medium	NA	Req_3	
Req_4.1	User Credential Authentication	A registered user – is able click 'User Login' link, after keying in 'Email' & 'Password' field and get his credentials authenticated with the existing database entry.	F	Critical	NA	Req_4	
Req_5.1	Project Details	After successful login, admin should be able to view list of all projects they have made, and status of projects.	UI	Critical	NA	Req_5	
Req_5.2	Project Details	On clicking name of any project, admin should be able to view status of project and list of proposals on that project	UI	Critical	NA	Req_5	
Req_5.3	Project Details	A logged in admin, after clicking the new project link, should be redirected to a form that procures project details mentioned below – 'Project Name', 'Duration', 'Budget', 'Skills'	UI	Critical	NA	Req_5	
Req_5.4	Project Details	Admin should be able to select skills from checkboxes	UI	Critical	NA	Req_5	
Req_5.5	Project Details	Clicking 'Submit' should validate the datatype constraints for each field.	F	Critical	NA	Req_5	

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_5.6	Project Details	Admins failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Req_5	
Req_5.7	Project Details	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_5	
Req_5.8	Project Details	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	E	Medium	NA	Req_5	
Req_6.1	Proposal Submit	After successful login, user should be able to view list of projects available based on Skills. Option to view complete list should also be there.	UI	Critical	NA	Req_6	
Req_6.2	Proposal Submit	A logged in user, after viewing list of projects, on clicking a Project Name should be able to view all project details mentioned below – 'Project Name', 'Duration', 'Budget', 'Skills'	UI	Critical	NA	Req_6	
Req_6.3	Proposal Submit	If the skills of the project match the skills of current logged in user, Submit Proposal button should be enabled.	UI	Critical	NA		
Req_6.4	Proposal Submit	After submission of a proposal, save the details in the database.	F	Critical	NA	Req_6	
Req_6.5	Proposal Submit	Upon saving the information in the database, display the message 'Your details are submitted successfully'	E	Medium	NA	Req_6	
Req_7.1	Proposal Processing	A logged in Admin should be able to view the proposals for the project created.	F	Critical	NA	Req_7	
Req_7.2	Proposal Processing	Admin should be able to view the User details / Skillset if the Proposal is made	F	Critical	NA	Req_7	
Req_7.3	Proposal Processing	Admin should be able to accept / reject the proposal	F	Critical	NA	Req_7	
Req_7.4	Proposal Processing	The status of the Proposal should be updated in the database and it should be reflecting in both Admin and User pages	F	Critical	NA	Req_7	
Req_7.5	Proposal Processing	Successfully updated message should be displayed	E	Medium	NA	Req_7	
Req_8.1	Proposed Project details	User should be able to view the Proposed Project details and Status when the Proposed Project link is clicked.	UI	Critical	NA	Req_8	

5.0 References

5.1 Table 1.0 – Admin Details

Field Name	Field Type	Data Type	Mandatory	Possible Values
First Name	Text(10)	Alphabetic	Yes	
Last Name	Text(10)	Alphabetic	Yes	
Email	Text(30)	Alphabetic	Yes	
Contact Number	Text(10)	Numeric	Yes	
Password	Text(10)	AlphaNumeric	Yes	
AdminID	Auto-generated(5)	Numeric	Yes	Non-editable system generated text

5.2 Table 2.0 – User Details

Field Name	Field Type	Data Type	Mandatory	Possible Values
UserID	Auto-generated(5)	Numeric	Yes	Non-editable system generated text
Password	Text(10)	AlphaNumeric	Yes	
Skill Set 1	Text(10)	Alphabetic	Yes	Skill Name
Skill Set 2	Text(10)	Alphabetic	No	Skill Name
Skill Set 3	Text(10)	Alphabetic	No	Skill Name
Skill Set 4	Text(10)	Alphabetic	No	Skill Name
Skill Set 5	Text(10)	Alphabetic	No	Skill Name
Skill Set 6	Text(10)	Alphabetic	No	Skill Name
Skill Set 7	Text(10)	Alphabetic	No	Skill Name
Skill Set 8	Text(10)	Alphabetic	No	Skill Name

Skill Set 9	Text(10)	Alphabetic	No	Skill Name
Skill Set 10	Text(10)	Alphabetic	No	Skill Name
First Name	Text(10)	Alphabetic	Yes	
Last Name	Text(10)	Alphabetic	Yes	
Email	Text(30)	Alphabetic	Yes	
Contact Number	Text(10)	Numeric	Yes	
Password	Text(10)	AlphaNumeric	Yes	

5.3 Table 3.0 – Project Details

Field Name	Field Type	Data Type	Mandatory	Possible Values
ProjectID	Auto-generated(5)	Numeric	Yes	Non-editable system generated text
Admin ID	Numeric(5)	Numeric	Yes	Foreign Key Reference to Admin Details Table
Project Name	Text(20)	Alphabetic	Yes	
Project Duration	Numeric(2)	Numeric	Yes	
Skill Set 1	Text(10)	Alphabetic	Yes	Skill Name
Skill Set 2	Text(10)	Alphabetic	No	Skill Name
Skill Set 3	Text(10)	Alphabetic	No	Skill Name
Skill Set 4	Text(10)	Alphabetic	No	Skill Name
Skill Set 5	Text(10)	Alphabetic	No	Skill Name
Skill Set 6	Text(10)	Alphabetic	No	Skill Name
Skill Set 7	Text(10)	Alphabetic	No	Skill Name
Skill Set 8	Text(10)	Alphabetic	No	Skill Name
Skill Set 9	Text(10)	Alphabetic	No	Skill Name
Skill Set 10	Text(10)	Alphabetic	No	Skill Name
Remarks	Text(200)	Alphabetic	No	Additional Skill set can be

				mentioned here
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5.4 Table 4.0 – Skills

Field Name	Field Type	Data Type	Mandatory	Possible Values
Skill Name	Text(10)	Alphabetic	Yes	
Skill ID	Auto-generated(5)	Numeric	Yes	Non-editable system generated text

5.5 Table 5.0 – Project Skills

Field Name	Field Type	Data Type	Mandatory	Possible Values
Project ID	Numeric(5)	Numeric	Yes	Foreign Key Reference to Project Details Table
Skills ID	Numeric(5)	Numeric	Yes	Foreign Key Reference to Skill Details Table

5.1 Table 6.0 – User Skills

Field Name	Field Type	Data Type	Mandatory	Possible Values
User ID	Numeric(5)	Numeric	Yes	Foreign Key Reference to User Details Table
Skills ID	Numeric(5)	Numeric	Yes	Foreign Key Reference to Skill Details Table

5.2 Table 6.0 – Proposed Project



Field Name	Field Type	Data Type	Mandatory	Possible Values
Admin ID	Numeric(5)	Numeric	Yes	Admin ID
ProjectID	Auto-generated(5)	Numeric	Yes	ProjectID
User ID	Numeric(5)	Numeric	Yes	
Budget	Numeric(10)	Numeric	Yes	
Proporsal Date	Text(10)	Alpha numeric	Yes	
Proporsal Status	Text(10)	Alphabetic	Yes	Accepted Rejected Submitted

6.0 Terms & Conditions

Interns shall be solely responsible for all its acts and omissions under this program. Interns will comply at all times with all applicable laws. Interns shall not use Cognizant's name, logo and trademark in any promotional materials or other communications with third parties without the prior written consent of Cognizant. Any materials used by interns in relation to program will not infringe the copyrights, trademarks, patents, trade secrets or other intellectual property rights, privacy or similar rights of any person or entity. Interns agrees not to post, draw, make, display any content that is threatening, libelous, obscene, defamatory, abusive, pornographic, or advocates/encourages any conduct that could constitute a criminal offence or give rise to any civil liability. Cognizant its associates' personal details including but not limited to name, address, contact number shall not be shared or forwarded to any third party, without prior written consent of Cognizant, its associates. All intellectual property provided by Cognizant as part of program shall be owned exclusively by Cognizant. Intern shall indemnify, defend and indemnify Cognizant its associates, officers, directors from and against any claims, demands, loss, damage, liability, causes of action, judgments, or costs and expenses of every nature (including attorney's fees and expenses) incurred by Cognizant based on any claim that any breach of terms and conditions of this program.

7.0 Change Log

Version Number	Changes Made			
V1.0.0	Initial baseline created on 31 st January 2019 by Shubhendu Mishra(736988)			
	Section No.	Changed By	Effective Date	Changes Effectuated