

Software Requirements Specification

For Consultation Project Management

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SRS Document

1. Introduction

1.1 Purpose

The proposed web based application is required for all Online Freelance marketplace.

A marketplace is an online platform where businesses can find and hire individual contractors for their projects.

1.2 Scope of Project

Consultation Management System is a web portal on which engineers and clients interact with each other.

In this platform a client usually posts a specific project and many consultants bid on that project; the client after reviewing the bids and awards the project to a specific engineer with the most efficient bid.

In this way the client gets his job done and the consultant earns money.

This project aims to develop a marketplace where not only an employer could post a project for bidding but a consultant (engineers) could also offer his/her services for buyers.

1.3 Intended audience:

Your target audience refers to **the specific group of consumers most likely to want your product or service**, and therefore, the group of people who should see your ad campaigns. Target audience may be dictated by age, gender, income, location, interests or a myriad of other factors.

1. Overall Description

2.1 Product Perspective

Project Catalog is where you let clients come to you. When you create a project, it displays as a listing that clients can open to learn more. Clients find you by searching for the skills and services you offer.

1. The **Admin** who is allowed to manage and control the apps

2.2 Product Functions:

The Consultation Project Management main functions are divided into three interfaces, the web-based is provided for Admin user and two mobile interfaces is provided for consultants and employers users

Table 1: CPM Functions

| No. | Functions | Admin Panel WebAp p | Consultant Mobile, Web App | Client Mobile, Web App | |
|-------|---|------------------------|-------------------------------|---------------------------|--|
| 2.2.1 | Splash Screen 1. Loading splash screen | ✗ | ✓ | ✓ | |
| 2.2.2 | Registration a. Registration Fields form b. Activation by OTP c. Email Confirmation d. Activation by Admin | ✗ ✗ ✗ ✗ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | |
| 2.2.3 | User Login a. User name input form b. Password input form c. Data Field validation | ✓ ✓ ✓ | ✓ ✓ ✓ | ✓ ✓ ✓ | |
| 2.2.4 | d. Forgot Password | ✓ | ✓ | ✓ | |
| 2.2.5 | User Profile a. View user profile b. Edit user profile • Name | ✓ ✓ ✓ | ✓ ✓ ✓ | ✓ ✓ ✓ | |

| | | | | |
|-------|---|---|---|---|
| | <ul style="list-style-type: none"> • Mobile • Image • Email • Bank account (IBAN) License Document • Consultant license document • Commercial registration doc. • Default location | ✓ | ✓ | ✓ |
| | | ✓ | ✓ | ✓ |
| | | ✓ | ✓ | ✓ |
| | | ✗ | ✓ | ✓ |
| | | ✗ | ✓ | ✓ |
| | | ✗ | ✓ | ✓ |
| | | ✗ | ✓ | ✓ |
| | | ✗ | ✓ | ✓ |
| 2.2.6 | Manage Orders | | | |
| | a. View Orders | ✓ | ✓ | ✓ |
| | b. Cancel Orders | ✓ | ✓ | ✓ |
| | c. Edit Orders | ✗ | ✓ | ✗ |

| | | | | |
|--------|--|---|---|---|
| | d. Request Order | x | ✓ | x |
| | e. Re-request Order | x | ✓ | x |
| | f. Export Order to CSV/PDF | ✓ | x | x |
| | g. Filter Orders | ✓ | ✓ | ✓ |
| 2.2.7 | <i>Online Payment</i> | | | |
| | a. Pay online (Telr , Visa , master ,STC pay , .etc.) | x | ✓ | ✓ |
| | b. Payment Integration | ✓ | ✓ | ✓ |
| | c. View payment type | ✓ | ✓ | ✓ |
| 2.2.8 | <i>Manage Reviews</i> | | | |
| | a. Rate Order Overall | x | ✓ | ✓ |
| | b. Rate options service | x | ✓ | ✓ |
| | c. Create comment | x | ✓ | ✓ |
| | d. Edit comment | x | ✓ | |
| | e. View comment | ✓ | ✓ | ✓ |
| | f. Delete comment | ✓ | ✓ | |
| 2.2.9 | <i>Admin Dashboard</i> | | | |
| | a. View overall product | ✓ | x | x |
| | b. View total payments | ✓ | x | x |
| | c. View total consultant | ✓ | x | x |
| | d. Monthly reports | ✓ | x | x |
| | e. View total income | ✓ | x | x |
| | f. Weekly reports | ✓ | x | x |
| | g. View total client | ✓ | x | x |
| 2.2.11 | <i>Manage Wallet (Needs to discussed not confirmed)</i> | | | |
| | a. Enable wallet | ✓ | x | x |
| | b. Integrate with payment gateway | ✓ | x | ✓ |
| | c. View wallet | ✓ | x | ✓ |
| | d. Add credit to wallet (manual) | ✓ | x | x |
| | e. Debit form wallet (manual) | ✓ | x | x |

| | | | | |
|--|--|---|---|---|
| | f. Credit amount to wallet by payment gateway | ✓ | ✗ | ✓ |
| | g. Debit amount from wallet by payment gateway | ✓ | ✗ | ✓ |

| | | | | | |
|--|---------------|------------------------------|---|---|---|
| | 2.2.17 | Manage Cost | | | |
| | | a. View total cost | ✓ | ✗ | ✓ |
| | 2.2.18 | b. Add package cost details | ✗ | ✗ | ✓ |
| | | | | | |
| | 2.2.18 | Manage Settings | | | |
| | | a. Select language | ✗ | ✓ | ✓ |
| | | b. Change password | ✓ | ✓ | ✓ |
| | | c. Change mobile | ✗ | ✓ | ✓ |
| | | d. View Terms and conditions | ✓ | ✓ | ✓ |
| | | e. Edit Terms and Conditions | ✓ | ✗ | ✗ |
| | | f. View Contact us | ✓ | ✓ | ✓ |
| | | g. Edit Contact us | ✓ | ✗ | ✗ |

2.3 User Classes and Characteristics

There are four users involved in Consultation Project Management(CPM) :

Table2: User Classes

| No. | User | Objective |
|-----|------------|--|
| 1 | Admin | The admin has the full role privileges and can manage all types of users such as create, delete, edit, activate, or deactivate accounts and create staffs, manage payment transactions, promotion, cancelation, and banners. |
| 2 | Client | The client is an individual user who has Projects to offer to the consultants. The client user can manage and deal with the consultant to confirm or cancel the . |
| 3 | Consultant | The consultant will have the ability to register in the system to Consultation Project Management and can bid on projects that are offered by the Client. |
| 4 | Staff | Admin can create staff and assign roles as a customer service representative. |

2.4 Operating Environment :

The Consultation Project Management application is a mobile based application and web based app will be configured and customized for web based, IOS and Android systems. The admin panel is a web-based application for the admin user and staff user.

| # | User | Platform | Interface |
|---|------------|--|-------------------|
| 1 | Client | IOS, web browsers: Google chrome ,Ms Edge ,Firefox and safari | Mobile App Web |
| 2 | Client | Android | Mobile App |
| 3 | Consultant | IOS, Web browsers: Google Chrome, MS Edge, Firefox and Safari | Mobile App Web |
| 4 | Consultant | Android | Mobile App |
| 5 | Admin | web browsers : Google Chrome,Ms Edge, Firefox and Safari. | Web App |

2.5 User Documentation:

- 2.5.1 Using Version Control tools e.g. Github or Bitbucket, etc, sharing the access for the last source code update.
- 2.5.2 The last version tested source code of Consultation Project Management written in standard shall be provided
- 2.5.3 Provide source code documentation for all user interfaces apps.
- 2.5.4 Provide test report documentation
- 2.5.5 API documentation shall be provided

3. Application Features

3.1 Functional Requirements specifications

In this section, the requirements are explained for all functions of the four users, including the use case for each.

3.1.1 Client Registration Functional requirement

| | |
|-------------------|---|
| FR-3.1.1.1 | Registration: application shall be able to provide a facility to Client to register to the Consultation Project Management. |
| FR-3.1.1.2 | User Name : application shall be able to provide a facility to Client to enter mobile number as username. |
| FR-3.1.1.3 | Password: application shall be able to provide a facility to Client to input encrypted strong password, and validate it ,which at least have 8 characters, contains (lowercase letter + uppercase letter + special character +number) |
| FR-3.1.1.4 | Registration No. : application shall be able to provide a facility to Lessor an auto-generated registration No. as the following format : <ol style="list-style-type: none"> 1. 1st two digits are city code 2. The three remaining digits are auto numbering. Example : City : Jeddah Registration No. : JD001 |
| FR-3.1.1.5 | OTP : application shall be able to provide a facility to the Client receives OTP to validate the mobile number. |

| | |
|---|---|
| Us Case ID: | L-UC001 |
| Use Case Name: | Register |
| Actors: | Client |
| Preconditions: | Download the Consultation Project Management Order Client mobile App from the app store or play store . |
| Flow of Events of the Primary Scenario: | |
| 1. Enters mobile no. as username 2. Enters the password 3. Receives OTP by mobile 4. Validate mobile number by sms OTP | |
| Flow of Events of the Alternative Scenarios: | |

| |
|--|
| 1. OTP is invalid 2. Resend OTP (3 minutes time constraints) |
| Flow of Events of the Exception Scenarios: |
| ● Mobile No. is already registered. Registration has not been completed |
| ● Extension Points: |
| ● Client details are not correct “unsuccessful registration “message will be displayed |
| Post conditions: |
| ● Registration has been completed |

| | |
|-----------------------|------------------|
| Us Case ID: | L-UC002 |
| Use Case Name: | Complete Profile |
| Actors: | Client |
| Preconditions: | Register |

| |
|--|
| Flow of Events of the Primary Scenario: |
| 1. Enters National ID 2. Enters DOB 3. Retrieve First Name & Last Name from Yaqeen api 4. Enters Email 5. Enters City 6. Enters IBAN account Bank 7. Select Default Location |
| Flow of Events of the Alternative Scenarios: |
| 1. skip complete profile 2. limited application functionality . |

2e- National ID is invalid

1- Re-enters the ID no.

Extension Points:

Client details are not completed “profile not completed “message will be displayed

| | |
|--|----------------------|
| Us Case ID: | L-UC003 |
| Use Case Name: | Validate National ID |
| Actors: | Client |
| Preconditions: | Complete profile |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Enters National ID 2. Enters DOB 3. Validate national ID | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Cancels Entering National ID 2. Redirects to the application with limited functionality. | |
| Flow of Events of the Exception Scenarios: | |
| <ul style="list-style-type: none"> • Invalid entries, the complete profile has not been completed | |
| Post conditions: | |
| <ul style="list-style-type: none"> • Complete profile has been completed. | |

3.2.2 Consultant Registration Functional requirement

| | |
|-------------------|---|
| FR-3.2.2.1 | Registration: application shall be able to provide a facility to Consultant to register to the Consultation Project Management. |
| FR-3.2.2.2 | User Name : application shall be able to provide a facility to Consultant to enter mobile number as username. |
| FR-3.2.2.3 | Password: application shall be able to provide a facility to Consultant to input encrypted strong password, and validate it ,which at least have 8 characters, contains (lowercase letter + uppercase letter + special character +number) |
| FR-3.2.2.4 | OTP : application shall be able to provide a facility to Consultant receives OTP to validate the mobile number. |

| | |
|---|--|
| Use Case ID: | R-UC001 |
| Use Case Name: | Register |
| Actors: | consultant ,sms gateway |
| Preconditions: | Download the Order consultant mobile App from the app store or play store. |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Enters mobile no. as username 2. Enters the password 3. Receives OTP by mobile 4. Validate by OTP | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Enters invalid OTP 2. Applies Resend OTP | |
| Flow of Events of the Exception Scenarios: | |
| <ul style="list-style-type: none"> • Mobile no. is already registered. Registration will not be completed return to step 1 | |
| Extension Points: | |
| <ul style="list-style-type: none"> • Consultant details are not correct “unsuccessful registration “message will be displayed | |
| Post conditions: | |
| <ul style="list-style-type: none"> • The application will Generate Registration No. | |

- | |
|---|
| <ul style="list-style-type: none"> • Redirect to complete the registration form. |
|---|

| | |
|---|------------------|
| Us Case ID: | R-UC002 |
| Use Case Name: | Complete Profile |
| Actors: | Client |
| Preconditions: | Register |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Enters First Name & Last Name 2. Enters DOB 3. Enters Email 4. Enters City 5. Enters Gender 6. Upload Photo | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Skips complete profile 2. Limited application functionality . | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 1. Invalid data entry , profile is not completed | |
| Extension Points: | |
| Client details are not completed “profile not completed “message will be displayed | |
| Post conditions: | |
| <ul style="list-style-type: none"> • Complete profile has been completed Start mobile App . | |

3.3.1 Admin Login Functional Requirements

| | |
|-------------------|--|
| FR-3.3.1.1 | <u>Login</u> : application shall be able to provide a facility to Admin to access to the CPM web-app admin panel by login function |
| FR-3.3.1.2 | <u>User Name</u> : application shall be able to provide a facility to Admin to enter the username. |
| FR-3.3.1.3 | <u>Password</u> : application shall be able to provide a facility to Admin to input encrypted strong password, and validate it, which at least have 8 characters, contains (lowercase letter + uppercase letter + special character +number) |
| FR-3.3.1.4 | <u>Forget Password .</u> : application shall be able to provide a facility to Admin to reset the password by sending a link to the admin email |

3.3.2 Client Login Functional Requirements

| | |
|-------------------|---|
| FR-3.3.2.1 | <u>Login</u> : application shall be able to provide a facility to Client to access to the Client app by login function. |
| FR-3.3.2.2 | <u>User Name</u> : application shall be able to provide a facility to Client to enter the mobile number as username . |
| FR-3.3.2.3 | <u>Password</u> : application shall be able to provide a facility to Client to input encrypted strong password, and validate it, which at least have 8 characters, contains (lowercase letter + uppercase letter + special character +number) |
| FR-3.3.2.4 | <u>Forget Password .</u> : application shall be able to provide a facility to Client to reset the password by sending an OTP to the registered mobile number. |

| | |
|---|------------------------------|
| Us Case ID: | L-UC004 |
| Use Case Name: | Login |
| Actors: | Client |
| Preconditions: | Launch the Client mobile app |
| Flow of Events of the Primary Scenario: | |
| 1. Enters mobile no. as username 2. Enters the password | |
| Flow of Events of the Alternative Scenarios: | |
| 1. Forget password. 2. Reset the password by sending OTP to the registered mobile number | |
| Flow of Events of the Exception Scenarios: | |
| 1. Invalid mobile no. or password 2. re-type the user name and password | |
| Extension Points: | |
| “invalid password “ or mobile number “message will be displayed | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● Start Client mobile app with full functionality | |

3.3.3 Consultant Login Functional Requirements

| | |
|--|----------------------------------|
| Us Case ID: | R-UC003 |
| Use Case Name: | Login |
| Actors: | Consultant |
| Preconditions: | Launch the Consultant mobile app |
| Flow of Events of the Primary Scenario: | |
| 1. Enters mobile no. as username 2. Enters the password | |
| Flow of Events of the Alternative Scenarios: | |
| 1. Skips the login 2. limited application functionality 3. Selects forget password. 4. Resets the password by sending OTP to the registered mobile number | |
| Flow of Events of the Exception Scenarios: | |
| 1e- Invalid mobile no. or password 1- re-type the user name and password | |
| Extension Points: | |
| “invalid password “ or mobile number “message will be displayed | |
| Post conditions: | |
| • Start Consultant app with full functionality | |

| | |
|---|------------------|
| Use Case ID: | A-UC001 |
| Use Case Name: | Login |
| Actors: | Admin |
| Preconditions: | Access Web Admin |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Enters the username 2. Enters the password | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Forget password. 2. reset the password by sending a reset link to admin Email | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 1. Invalid user name or password 2. re-type the user name and password 3. login is not successful | |
| Extension Points: | |
| “invalid password “ or mobile number “message will be displayed | |
| Post conditions: | |
| <ul style="list-style-type: none"> • Access web admin with full privileges | |

3.4.1 Admin Manage Orders Functional Requirements

| | |
|------------|--|
| FR-3.4.1.1 | <p><u>View Orders</u> : Application shall be able to provide a facility to Admin to view all the orders are created by consultants and accepted by Clients . All orders details have to be shown in the list as follows :</p> <ol style="list-style-type: none">1. Order No.2. Order status (confirmed, completed, awaiting confirmation or canceled and canceled by)3. Order date4. Payment Details |
| FR-3.4.1.2 | <p><u>Filter Orders</u>: application shall be able to provide a facility to Admin to filter the order list as follows :</p> <ol style="list-style-type: none">1. Date range of Orders2. Order status3. Type of Order (Hourly or Fixed price) |

| | |
|-------------------|---|
| FR-3.4.1.3 | <u>Cancel Order:</u> Application shall be able to provide a facility to Admin to cancel paid and unpaid orders and app can manage the process of refund from payment gateway or form wallet. |
| FR-3.4.1.4 | <u>View Log :</u> Application shall be able to provide a facility to Admin to view the log file of cancellation is done by admin and shows the details of the user cancelation actions with the reasons . |
| FR-3.4.1.5 | <u>Export Orders :</u> Application shall be able to provide a facility to Admin to Export all order details in CSV format or pdf. |

| | |
|---|--------------------|
| Use Case ID: | A-UC002 |
| Use Case Name: | View Orders |
| Actors: | Admin |
| Preconditions: | Login to Web Admin |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Select view orders 2. List all orders details 3. View orders no. 4. View order status (confirmed , completed ,awaiting for confirm or canceled and canceled by) 5. View orders date | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Select specific order 2. List all order details | |
| Flow of Events of the Exception Scenarios: | |
| <ul style="list-style-type: none"> • No order available | |
| Post conditions: | |
| <ul style="list-style-type: none"> • The view order has completed | |

| | |
|--|---|
| Use Case ID: | A-UC003 |
| Use Case Name: | Filter Orders |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin ● View Orders |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Select Order 2. Enters filter by Date, status or type of order 3. List all order based on filter data | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Reset filter data 2. List all order records | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 1. Invalid filter data entries 2. No output result | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● The Filter order has completed | |

| | |
|---|--|
| Use Case ID: | A-UC004 |
| Use Case Name: | Cancel Orders |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin ● View Order |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Select orders 2. Apply cancel action 3. Enter the reason for cancellation. | |

- | |
|--|
| <ol style="list-style-type: none">4. Confirm cancelation5. Refund payment request6. Register the cancelation details in the log file |
|--|

Flow of Events of the Alternative Scenarios:

- | |
|--|
| <ol style="list-style-type: none">1. Select cancelation2. Apply cancelation3. Not confirm the cancelation and apply cancel action4. Order Cancellation is not completed |
|--|

Flow of Events of the Exception Scenarios:

- | |
|---|
| <ol style="list-style-type: none">1. Order not exist or canceled by other user2. Order cancelation has not completed |
|---|

Post conditions:

- | |
|---|
| <ul style="list-style-type: none">• The cancelation has completed |
|---|

3.4.2: CLIENT Manage Orders Functional Requirements

| | |
|-------------------|---|
| FR-3.4.2.1 | <p>View Order: Application shall be able to provide a facility to Client to view all the orders issued by Consultants and accepted by Client. All orders details has to be shown in the list view as follows :</p> <ol style="list-style-type: none"> 1. Order No. 2. Order status (confirmed, completed, awaiting confirmation or canceled and canceled by) 3. Order date 4. Payment details |
| FR-3.4.2.2 | <p>Filter Orders: application shall be able to provide a facility to Client to filter the order list as follows :</p> <ol style="list-style-type: none"> 4. The date range of orders 5. Order status 6. Type of orders (Hourly or fixed) |
| FR-3.4.2.3 | <p>Cancel Order: Application shall be able to provide a facility to Client to cancel paid and unpaid orders and apply the orders fees if applicable, also the app can manage the process of refund from the payment gateway or form wallet.</p> |
| FR-3.4.2.4 | <p>Confirm Request: Application shall be able to provide a facility to Client to confirm the request of orders form the Consultant .</p> |

| | |
|--|----------------------------------|
| Us Case ID: | L-UC005 |
| Use Case Name: | View Orders |
| Actors: | Client |
| Preconditions: | Login to Client Mobile App , Web |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. View orders 2. List all orders details 3. View orders no. 4. View orders status (confirmed, completed, awaiting confirmation or canceled and canceled by) 5. View orders date 6. View orders payment amount, payment status, and payment details | |

| |
|--|
| |
| Flow of Events of the Alternative Scenarios: |
| <ol style="list-style-type: none"> 1. View orders as per type (confirmed, completed ,awaiting confirmation or canceled) 2. List orders |
| Flow of Events of the Exception Scenarios: |
| No orders available |
| Post conditions: |
| <ul style="list-style-type: none"> • The view orders has completed |

| | |
|--|---|
| Us Case ID: | L-UC006 |
| Use Case Name: | Filter Orders |
| Actors: | Client |
| Preconditions: | <ul style="list-style-type: none"> • Login to Client Mobile App and web • View Orders |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. View orders 2. Selects Filter 3. Enters filter by Date, status or type of orders (confirmed, completed, awaiting confirmation or canceled and canceled by) 4. List all orders based on filter entries | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Selects orders tap (confirmed, completed, awaiting confirmation or canceled) 2. Lists all available orders | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 1. Invalid filter data entries 2. No output result | |
| Post conditions: | |
| | |

| | |
|--|---|
| Use Case ID: | L-UC007 |
| Use Case Name: | Cancel Orders |
| Actors: | Client |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin ● View Orders |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Select orders 2. Apply cancel action 3. Enter the reason for cancellation. 4. View cancellation fees 5. Confirm cancellation 6. Refund payment request 7. Register the cancellation details in the log file | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Select orders 2. Apply cancellation 3. Not confirming the cancellation and apply cancel action 4. Order Cancellation is not completed | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 3. Orders does not exist or canceled by another user 4. Orders cancellation has not been completed | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● The cancellation has been completed | |

3.4.3: Consultant Manage Orders Functional Requirements

| | |
|-------------------------|--|
| Us Case ID: | R-UC005 |
| Use Case Name: | Request Order |
| Actors: s | Consultant, Client , Payment Gateway |
| Preconditions: | Login to Consultant Mobile App View map (UC004) View available CPM, packages. |
| Post conditions: | <ul style="list-style-type: none">• The request order has been completed |

| | |
|---|-------------------------------------|
| Us Case ID: | R-UC006 |
| Use Case Name: | View Order |
| Actors: | Consultant |
| Preconditions: | Login to Consultant Mobile App, Web |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. View orders 2. List all orders details 3. View order No. 4. View order status (confirmed, completed, awaiting confirmation, or canceled and canceled by) 5. View order date 6. View order payment amount, payment status, and payment details 7. View order type (CPM ,packages ,or sea activities) | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. View orders as per type (confirmed, completed ,awaiting confirmation or canceled) 2. List orders | |
| Flow of Events of the Exception Scenarios: | |
| No order is available | |
| Post conditions: | |
| <ul style="list-style-type: none"> • The view order has been completed | |

| | |
|---|--|
| Us Case ID: | R-UC007 |
| Use Case Name: | Re-Request Order |
| Actors: | Consultant |
| Preconditions: | Login to Consultant mobile App, web View Orders Request Order |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects previously completed order 2. Changes date and the number of passengers 3. Applies request order | |

| |
|--|
| Flow of Events of the Alternative Scenarios: |
| 1. Filters or searches a order 2. Selects the order 3. Applies step 2 in the primary scenario. |
| Flow of Events of the Exception Scenarios: |
| • No order is available |
| Post conditions: |
| • The view order has been completed |

| | |
|-----------------------|---|
| Us Case ID: | R-UC008 |
| Use Case Name: | Edit Order |
| Actors: | Consultant |
| Preconditions: | Login to Consultant mobile App, web View Orders |

| |
|--|
| Flow of Events of the Primary Scenario: |
| 1. Selects previously confirmed order. 2. Changes date and the number of passengers. 3. Applies request order. |
| Flow of Events of the Alternative Scenarios: |
| 1. Filters or searches a order 2. Selects the order 3. Applies step 2 in the primary scenario. |
| Flow of Events of the Exception Scenarios: |
| • No order is available |
| Post conditions: |
| • The view order has completed |

| | |
|--|---|
| Us Case ID: | R-UC009 |
| Use Case Name: | Filter Order |
| Actors: | Consultant |
| Preconditions: | <ul style="list-style-type: none"> ● Login to consultant Mobile App, Web ● View Order |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. View Order 2. Selects Filter 3. Enters filter by Date, status or type of order (confirmed, completed, awaiting confirmation or canceled and canceled by) 4. List all orders based on filter entries | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Selects order tap (confirmed, completed, awaiting confirmation or canceled) 2. Lists all available order | |
| Flow of Events of the Exception Scenarios: | |
| <ol style="list-style-type: none"> 1. Invalid filter data entries 2. No output result | |
| Post conditions: | |
| The filter action has been completed and the result is shown | |

| | |
|---|--|
| Use Case ID: | R-UC010 |
| Use Case Name: | Cancel Orders |
| Actors: | Consultant |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Consultant mobile app ● View Order |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects order 2. Applies action cancel 3. Enter the reason for cancellation. | |

- | |
|---|
| <ol style="list-style-type: none">4. Accepts cancelation fees5. Confirms cancelation6. Refund payment request7. Register the cancelation details in the log file |
|---|

Flow of Events of the Alternative Scenarios:

- | |
|---|
| <ol style="list-style-type: none">1. Select order2. Apply cancelation3. Not confirming the cancelation and apply cancel action4. Order Cancellation is not completed |
|---|

Flow of Events of the Exception Scenarios:

- | |
|---|
| <ol style="list-style-type: none">1. Order does not exist or canceled by another user2. Order cancelation has not been completed |
|---|

Post conditions:

- | |
|--|
| <ul style="list-style-type: none">• The cancelation has been completed |
|--|

3.5.1: Admin Manage Wallet Functional Requirements (needs to discuss)

| | |
|--------------------|--|
| FR-3.5.1.7 | <u>Configure wallet:</u> application shall be able to provide a facility to Admin to enable or disable the wallet function. |
| FR-3.5.1.8 | <u>View wallet:</u> application shall be able to provide a facility to Admin to View wallet details (credit, debit, refund, balance, reasons, comment, date) |
| FR-3.5.1.9 | <u>Edit Wallet:</u> application shall be able to provide a facility to Admin to credit, deposit refund amount to the wallet . |
| FR-3.5.1.10 | <u>View Log :</u> application shall be able to provide a facility to Admin to View all logs action to the wallet such as (debit, credit , balance , date , reason, comment) |

| | |
|---|--|
| Use Case ID: | A-UC007 |
| Use Case Name: | Configure Wallet |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects user profile 2. Enables wallet | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Selects user profile 2. Disables Wallet | |
| Flow of Events of the Exception Scenarios: | |
| User does not exist or no wallet functions feature is available | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● Configure wallet has been completed | |

| | |
|--|--|
| Use Case ID: | A-UC008 |
| Use Case Name: | View Wallet |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects user profile 2. Views wallet details (credit, debit, balance) | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Lists all user wallets 2. Views wallet details (credit, debit, balance) | |
| Flow of Events of the Exception Scenarios: | |
| User does not exist or no wallet functions feature is available | |

| | |
|--|---|
| Use Case ID: | A-UC009 |
| Use Case Name: | Edit Wallet |
| Actors: | Admin, Payment gateway |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin ● View wallet |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects edit 2. Selects credit/debit/refund 3. Enters the amount 4. Selects type of credit/debit/refund 5. Types reason or comment 6. Applies confirm action | |
| Flow of Events of the Alternative Scenarios: | |
| 1. Credit/debit/refund is done due to payment transaction from the payment gateway | |
| Flow of Events of the Exception Scenarios: | |
| User does not exist or no wallet functions feature is available | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● Edit wallet has been completed | |

| | |
|--|---|
| Use Case ID: | A-UC010 |
| Use Case Name: | View Log |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin ● View wallet |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects user profile 2. Views wallet 3. Selects view log 4. Preview all log details (credit, debit, refund, balance, reasons, comment, date, etc.) | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Lists all user wallets 2. Selects view logs | |

| |
|---|
| 3. Preview all log details (credit, debit, refund, balance, reasons, comment, date, etc.) |
|---|

Flow of Events of the Exception Scenarios:

User does not exist, view log doesn't have data or no wallet functions feature is available

Post conditions:

- View log wallet has been completed

3.6.1 Client Manage Wallet Functional Requirements

| | |
|-------------------|--|
| FR-3.6.2.1 | <u>View wallet</u> : Application shall be able to provide a facility to Client to View wallet details (credit, debit, refund, balance, reasons, comment, date) |
|-------------------|--|

| | |
|---------------------|---------|
| Use Case ID: | L-UC008 |
|---------------------|---------|

| | |
|-----------------------|-------------|
| Use Case Name: | View Wallet |
|-----------------------|-------------|

| | |
|----------------|--------|
| Actors: | Client |
|----------------|--------|

| | |
|-----------------------|---|
| Preconditions: | <ul style="list-style-type: none">• Login to Client mobile app, Web |
|-----------------------|---|

Flow of Events of the Primary Scenario:

1. Selects view wallet
2. Preview all wallet details (credit, debit, refund , balance , reasons , comment, date ,etc.)

Flow of Events of the Alternative Scenarios:

N/A

Flow of Events of the Exception Scenarios:

- User does not have a wallet enabled.
- No wallet data is shown.

Post conditions:

- View wallet has been completed

3.7.1 : Admin Manage Consultation Functional Requirements

| | |
|------------|--|
| FR-3.7.1.1 | <p><u>View Consultation:</u> Application shall be able to provide a facility to Admin to view the Project are created by Consultant with the following details :</p> <ul style="list-style-type: none">● Id (auto-generated)● Name (Compulsory)● Created date (auto-generated)● Type (Compulsory)● Photos (Compulsory) |
| FR-3.7.1.2 | <p><u>Configure Project Type:</u> Application shall be able to provide a facility to Admin to configure Consultation and shall be able to</p> |

| | |
|-------------------|--|
| | <ul style="list-style-type: none"> ● Add ● Edit ● Delete |
| FR-3.8.1.3 | Delete Project: Application shall be able to provide a facility to Admin to delete the Project. |

| | |
|--|--|
| Use Case ID: | A-UC011 |
| Use Case Name: | View Project |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Login to Web Admin |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects View Project 2. Lists all available project with details (Id, Name, Created date, Type, Photos) | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Selects user profile 2. Lists all projects related to the user | |
| Flow of Events of the Exception Scenarios: | |
| <ul style="list-style-type: none"> ● User does not exist or no project is created. | |
| Post conditions: | |
| <ul style="list-style-type: none"> ● View projects has been completed | |

| | |
|--|--|
| Use Case ID: | A-UC012 |
| Use Case Name: | Configure Type (Add, Edit, Delete) |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> ● Log in to Web Admin ● View Consultation |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects configure project type 2. Selects add 3. Adds the project type (Photoshop, web dev, app dev, etc.) 4. applies confirmation | |

| |
|--|
| Flow of Events of the Alternative Scenarios: |
| <ol style="list-style-type: none"> 1. Selects configure project type 2. Selects project type 3. Selects edit or delete action 4. Edit the type 5. Update the type |
| Flow of Events of the Exception Scenarios: |
| <ul style="list-style-type: none"> • Edit and delete are not applied if the project type has a reference in a repository. |
| Post conditions: |
| <ul style="list-style-type: none"> • Configure project has been completed |

| | |
|---|--|
| Use Case ID: | A-UC013 |
| Use Case Name: | Delete Project |
| Actors: | Admin |
| Preconditions: | <ul style="list-style-type: none"> • Login to Web Admin • View Consultation • View user |
| Flow of Events of the Primary Scenario: | |
| <ol style="list-style-type: none"> 1. Selects Project 2. Applies delete action 3. Confirms delete action | |
| Flow of Events of the Alternative Scenarios: | |
| <ol style="list-style-type: none"> 1. Selects user (Client) 2. Views the Project related to the user 3. Applies delete action 4. Confirms delete action | |
| Flow of Events of the Exception Scenarios: | |
| <ul style="list-style-type: none"> • Hard deletion is not applied if the project type has a reference in a repository. • Soft deletion is applied | |
| Post conditions: | |
| <ul style="list-style-type: none"> • Delete Consultation Project Management has been completed | |

Functional and non-Functional Requirements:

Functional Requirements:

Following are the key functional requirements of proposed Project:

1. Sign In and User Registration

There will be four categories of Website users:

- Visitor (Unregistered User)
- Client
- Consultant
- Administrator(Admin)

Clients will have the privileges to Post jobs, Review bids, Award projects and other project related tasks on the website.

Consultant will have the rights of bidding on a Project, checking bidding status; submitting the Project files to client and performing other Project related tasks.

Administrator will be the user having all the rights of the website. Admin will also approve the registration requests from users.

There will be a Sign In interface for registered users and Sign Up interface for unregistered users to register on the website as Client and Consultant.

2. User management (Approving/rejecting user registration requests)
 3. User authentication (Confirmation link shall be sent on user's email address provided while registration)
 4. Client Dashboard (proper interfaces for managing employer related tasks)
 5. Consultant Dashboard (proper interfaces for managing consultant related tasks)
 6. Consultant service selling interface
-
7. Job/Projects Management for client
 - a. Using this interface the employer could:
 - i. Post jobs
 - ii. Review bids
 - iii. Award projects

- iv. Open Project MessageBoard
 - v. Collect project related files
 - vi. Provide Project related information to Consultant
 - vii. Other Project related tasks
8. Job/Projects Management for consultant
- b. Using this interface a consultant could:
 - i. Bid on a Project
 - ii. Check bidding status
 - iii. Reply on a Project Message
 - iv. Submit the Project files to employer
 - v. Other Project related tasks

Non-Functional Requirements:

Performance:

Performance requirements concern the speed of operation of a system. The non-functional requirements should identify those software functions that have constraints on their performance.

Maintainability:

Maintainability requirements may cover diverse levels of documentation, such as system documentation, as well as test documentation, e.g. which test cases and test plans will accompany the system.

Usability:

It is an easy way for a user to learn to operate. It has a well-formed GUI.

Portability:

Portability specifies the ease with which the software can be installed on all necessary platforms, and the platforms on which it is expected to run.

Reliability:

Reliability is the ability of a system to perform its required functions under specific period of time

Usage Scenarios:

1. AssignTask

| | |
|------------------------|--|
| Use Case Title | Assign task |
| Use Case Id | 001 |
| Actor | Client |
| action | Client assigns new tasks. |
| Description | <ol style="list-style-type: none">1. Clients click on the assigned task button.2. System asks related information to the task.3. After submitting the form task added successfully.4. This use case ends. |
| Pre-condition | Assign tasks are not added. |
| Post-Conditions | Assign tasks added successfully. |
| | |

2. FileShare

| | |
|-----------------------|-------------------|
| Use Case Title | File share |
|-----------------------|-------------------|

| | |
|------------------------|--|
| Use Case Id | 002 |
| Actor | Client |
| action | Clients share all types of shared files. |
| Description | <ol style="list-style-type: none"> 1. Client clicks on the file share button. 2. System asks related information to file. 3. After submitting the form file share was added successfully. 4. This use case ends. |
| Pre-condition | File share is not added. |
| Post-Conditions | File share added successfully. |
| | |

3. Post Project

| | |
|------------------------|--|
| Use Case Title | Post project |
| Use Case Id | 003 |
| Actor | Client |
| action | Clients post all types of project. |
| Description | <ol style="list-style-type: none"> 1. Client clicks the post project button. 2. System asks related information to project. 3. After submit form, the project added successfully. 4. This use case ends. |
| Pre-condition | Post project is not added. |
| Post-Conditions | Post project added successfully. |
| | |

4. Check Bids

| | |
|------------------------|---|
| Use Case Title | Check bids |
| Use Case Id | 004 |
| Actor | Client |
| action | Clients check all types of bids. |
| Description | <ol style="list-style-type: none">1. Client clicks the check bids button.2. System asks related information to bids.3. After submitting the form bid was added successfully.4. This use case ends. |
| Pre-condition | Check bids are not added. |
| Post-Conditions | Check bids added successfully. |
| | |

5. ReviewBids

| | |
|-----------------------|---|
| Use Case Title | Review bids |
| Use Case Id | 005 |
| Actor | Client |
| action | Clients review all types of bids. |
| Description | <ol style="list-style-type: none">1. Client click review bids button.2. System asks related information to review bids.3. After submitting the form, review bids were added successfully. |

| | |
|--|------------------------|
| | 4. This use case ends. |
|--|------------------------|

| | |
|------------------------|---------------------------------|
| Pre-condition | Review bids are not added. |
| Post-Conditions | Review bids added successfully. |
| | |

6. View Profile Consultant

| | |
|------------------------|---|
| Use Case Title | View profile freelance |
| Use Case Id | 006 |
| Actor | Client |
| action | Clients view all type of profile. |
| Description | <ol style="list-style-type: none"> 1. Client click profile button. 2. System asks related information to profile. 3. After submitting the form profile added successfully. 4. This use case ends. |
| Pre-condition | View profile freelance is not added. |
| Post-Conditions | View profile freelance added successfully. |
| | |

7. Payment

| | |
|-----------------------|----------------|
| Use Case Title | Payment |
| Use Case Id | 007 |

| | |
|--------------|---------------|
| Actor | Client |
|--------------|---------------|

| | |
|------------------------|--|
| action | Clients manage all types of payments. |
| Description | <ol style="list-style-type: none"> 1. Client clicks the payment button. 2. System asks related information to payment. 3. After submitting the form payment was added successfully. 4. This use case ends. |
| Pre-condition | Payment is not added. |
| Post-Conditions | Payment added successfully. |
| | |

8. AssignProject

| | |
|------------------------|---|
| Use Case Title | Assign project |
| Use Case Id | 008 |
| Actor | Client |
| action | Clients assign all types of project. |
| Description | <ol style="list-style-type: none"> 1. Client clicks the assign project button. 2. System asks related information to assign projects. 3. After submit form, the assigned project was added successfully. 4. This use case ends. |
| Pre-condition | Assign project is not added. |
| Post-Conditions | Assign project added successfully. |
| | |

9. Massaging

| | |
|-----------------------|------------------|
| Use Case Title | Massaging |
| Use Case Id | 009 |

| | |
|------------------------|---|
| | |
| Actor | Client/consultant |
| action | Client/consultant send and receive massage. |
| Description | <ol style="list-style-type: none"> 1. Client click massage button. 2. System asks related information to massage. 3. After submit form massage added successfully. 4. This use case ends. |
| Pre-condition | Massaging is not added. |
| Post-Conditions | Massaging added successfully. |
| | |

10. Rank Consultant

| | |
|-----------------------|---|
| Use Case Title | Rank freelance |
| Use Case Id | 0010 |
| Actor | Client |
| action | Client check of rank in freelance. |
| Description | <ol style="list-style-type: none"> 1. Client click rankbutton. 2. System asks related information to rank. 3. After submit form rank added successfully. 4. This use case ends. |

| | |
|----------------------|------------------------------|
| Pre-condition | Rank freelance is not added. |
|----------------------|------------------------------|

| | |
|------------------------|------------------------------------|
| Post-Conditions | Rank freelance added successfully. |
| | |

11. Login

| | |
|------------------------|--|
| Use Case Title | Login |
| Use Case Id | 0011 |
| Actor | Client/freelance/admin/visitor |
| action | Client/freelance/admin/visitor login. |
| Description | <ol style="list-style-type: none"> 1. Client/freelance/admin/visitor click login button. 2. System asks related information tologin. 3. After submit form login added successfully. 4. This use case ends. |
| Pre-condition | Login is not added. |
| Post-Conditions | Login added successfully. |
| | |

12. Logout

| | |
|-----------------------|---|
| Use Case Title | Login |
| Use Case Id | 0012 |
| Actor | Client/freelance/admin/visitor |
| action | Client/freelance/admin/visitor logout. |

| | |
|--------------------|---|
| Description | <ol style="list-style-type: none">1. Client/freelance/admin/visitor click logout button.2. System asks related information to logout. |
|--------------------|---|

| | |
|------------------------|--|
| | <p>3. After submit form logout added successfully.</p> <p>4. This use case ends.</p> |
| Pre-condition | Logout is not added. |
| Post-Conditions | Logout added successfully. |
| | |

Consultant

13. Bid OnProject

| | |
|------------------------|--|
| Use Case Title | Bid on project |
| Use Case Id | 0013 |
| Actor | Consultant |
| action | Consultant check all bid on project. |
| Description | <p>1. Consultant click bid on project button.</p> <p>2. System asks related information to bid on project.</p> <p>3. After submit form project added successfully.</p> <p>4. This use case ends.</p> |
| Pre-condition | Bid on project is not added. |
| Post-Conditions | Bid on project added successfully. |
| | |

14. Register

| Register | |
|----------------|------|
| Use Case Title | |
| Use Case Id | 0013 |

| | |
|------------------------|---|
| | |
| Actor | Consultant/employ/visitor |
| action | Consultant/employ/visitor register first. |
| Description | <ol style="list-style-type: none"> 1. Consultant click register button. 2. System asks related information to him/herself. 3. After submit form register added successfully. 4. This use case ends. |
| Pre-condition | Register is not added. |
| Post-Conditions | Register added successfully. |
| | |

15. PaymentVerification

| | |
|------------------------|--|
| Use Case Title | Payment verification |
| Use Case Id | 0015 |
| Actor | Consultant |
| action | Consultant verify payment. |
| Description | <ol style="list-style-type: none"> 1. Consultant click payment verified button. 2. System asks related information to payment. 3. After submit form payment added successfully. 4. This use case ends. |
| Pre-condition | Payment verification is not added. |
| Post-Conditions | Payment verification added successfully. |
| | |

16. ViewProject

| | |
|------------------------|--|
| Use Case Title | View project |
| Use Case Id | 0016 |
| Actor | Consultant/visitor |
| action | Consultant/visitor view all type of project. |
| Description | <ol style="list-style-type: none"> 1. Consultant click view project button. 2. System asks related information of project. 3. After submit form project added successfully. 4. This use case ends. |
| Pre-condition | View project is not added. |
| Post-Conditions | View project added successfully. |
| | |

17. View Bid Status

| | |
|-----------------------|--|
| Use Case Title | View bid status |
| Use Case Id | 0017 |
| Actor | Consultant |
| action | Consultant view all type of bid status. |
| Description | <ol style="list-style-type: none"> 1. Consultant click bid status button. 2. System asks related information to bid status. 3. After submit form bid status added successfully. 4. This use case ends. |
| Pre-condition | View bid status is not added. |

| | |
|------------------------|-------------------------------------|
| Post-Conditions | View bid status added successfully. |
| | |

18. Deliver Project

| | |
|------------------------|---|
| Use Case Title | Deliver project |
| Use Case Id | 0018 |
| Actor | Consultant |
| action | Consultant deliver all type of project. |
| Description | <ol style="list-style-type: none"> 1. Consultant click deliver project button. 2. System asks related information to deliver project. 3. After submit form project added successfully. 4. This use case ends. |
| Pre-condition | Deliver project is not added. |
| Post-Conditions | Deliver project added successfully. |
| | |

19. ViewTask

| | |
|-----------------------|-------------------|
| Use Case Title | View task |
| Use Case Id | 0019 |
| Actor | Consultant |

| | |
|------------------------|--|
| action | Consultant views all task. |
| Description | <ol style="list-style-type: none"> 1. Consultant click view task button. 2. System asks related information to view task. 3. After submit form, the view task added successfully. 4. This use case ends. |
| Pre-condition | View task is not added. |
| Post-Conditions | View task added successfully. |
| | |

Admin

20. Approved Registration

| | |
|-----------------------|---|
| Use Case Title | Approved registration |
| Use Case Id | 0020 |
| Actor | Admin |
| action | Admin approved all registration. |
| Description | <ol style="list-style-type: none"> 1. Admin click approve registration button. 2. System asks related information to approve registration. 3. After submit form approve registration added successfully. 4. This use case ends. |
| Pre-condition | Approved registration is not added. |
| Post- | Approved registration added successfully. |

| Conditions | |
|------------|--|
| | |

21. ViewAuthentication

| | |
|------------------------|--|
| Use Case Title | View authentication |
| Use Case Id | 0021 |
| Actor | Admin |
| action | Admin view authentication. |
| Description | <ol style="list-style-type: none">1. Admin click view authentication button.2. System asks related information to view authentication.3. After submit form authentication added successfully.4. This use case ends. |
| Pre-condition | View authentication is not added. |
| Post-Conditions | View authentication added successfully. |
| | |

22. Consultant Dashboard

| | |
|------------------------|---|
| Use Case Title | Client /Freelance dashboard |
| Use Case Id | 0022 |
| Actor | Admin |
| action | Admin check employ/consultant dashboard. |
| Description | <ol style="list-style-type: none">1. Admin click dashboard button.2. System asks related information to dashboard.3. After submit form dashboard added successfully.4. This use case ends. |
| Pre-condition | Freelance/employ dashboard is not added. |
| Post-Conditions | Freelance/employ dashboard added successfully. |

23. View Earning

| | |
|------------------------|---|
| Use Case Title | View earning |
| Use Case Id | 0023 |
| Actor | Admin |
| action | Admin views all types of earning. |
| Description | <ol style="list-style-type: none">1. Admin click the earning button.2. System asks related information to view earnings.3. After submitting a form view earning registration added successfully.4. This use case ends. |
| Pre-condition | View earnings are not added. |
| Post-Conditions | View earning added successfully. |
| | |

Adopted Methodology

In my project “**Online solution for Research Proposal writing and submission**” I have chosen the methodology for developing this project is waterfall and spiral model. Because these methodologies have more advantages and very less disadvantages.

Reasons for choosing the Methodology:

Straight-Forward:

This Methodology is very straightforward and easy to understand. By this Methodology a person can easily understand what to do.

Implementation Phase:

Project can move quickly to the implementation phase because of his adopted methodology.

Significant and Reliability:

Does work for certain problem domains, notably those where the requirements are well understood in advance and unlikely to change significantly over the course of development, and where reliability of the final product is critical. This assumes you have the resources i.e. Time and People, to do it properly.

Control Requirement Issues:

By choosing this methodology we do not require all project resources at the beginning of the project. As we go the requirement needs step by step.

Reduce Complexity:

This methodology reduces the complexity of the project. At initial state when we start the project and not have any idea about this project then these

methodologies allow for a very complex project with incomplete initial understanding of requirement since development is done in small, spiral phases where each phase consists of requirements, risks analysis, and design.

Communicational way between developer and customer:

Their methods in a growth of development oscillate between manufacturer and Client. It establishes effective communication between developer and customer. Through this the developer can easily understand what customers want and can judge the customer's requirements.

Reduce Insufficient Involvement:

It assesses both technical and management risks, it controls the insufficient user involvement leads to unaccepted product. If inputs from different types of users are not taken, the output is bound to lack in key functional areas, resulting in an unacceptable product. Overlooking the needs of certain user classes leads to dissatisfaction of customers.

Ability to fulfill Requirements:

It chases the requirements of the software. During any stage of developing software if any new requirement comes then this methodology provides us the facility to fill it. It builds one or more representations of the application. Creeping user requirements contribute to overruns and degrade product quality. Requirement creep is one of the most significant factors in budget and time overruns. It basically means identifying and adding new requirements to the list at some advanced stages of the software development process.

Prototyping and Feedback Evaluation:

It reduces the dissatisfaction of the customer and provides the concept of a better satisfaction idea for the customer. It captures the idea for user's vision of the product and get early feedback from the user to ensure that the development team understands requirements. It obtains customers feedback based on

evaluation of the software representations created during the engineering stage and implemented during the installation stage.