Oawa LMS Business Requirements Document:

<<Project Name>>

Prepared by: <<Name>>



Document Administration

This section tracks the history of authorship and changes made to the design.

### Document History

The following changes have been made to the document.

|  |  |  |
| --- | --- | --- |
| Date | By | **Changes** |
|  |  | Initial Draft |
|  |  |  |
|  |  |  |
|  |  |  |

Table of Contents

[Oawa LMS Business Requirements Document: 1](#_Toc69565569)

[Document Administration 2](#_Toc69565570)

[Document History 2](#_Toc69565571)

[Overview of the Project: 4](#_Toc69565572)

[Functional Scope: 4](#_Toc69565573)

[Objective of Business Requirements Document: 7](#_Toc69565574)

[1 17](#_Toc69565575)

[u. Intended Audience 17](#_Toc69565576)

[Intended Audience 18](#_Toc69565577)

[Business Requirement 18](#_Toc69565578)

[Current process 18](#_Toc69565579)

[Proposed solution 18](#_Toc69565580)

[Work Flow: 19](#_Toc69565581)

[Reports 20](#_Toc69565582)

[Business Use Cases 21](#_Toc69565583)

[Use Case 1 21](#_Toc69565584)

[Open Questionnaires 22](#_Toc69565585)

[Open or Tracked Issues 22](#_Toc69565586)

[Document Acceptance 22](#_Toc69565587)

## Overview of the Project:

Please provide the brief overview of the project.

## Functional Scope:

Below section details the flow for various processes.

1. User login

Actors – Anyone

Interface – Any device

Main flow –

1. User clicks o login button or link
2. User enters login id and password.
3. System verifies if user id and password is correct
4. System checks if user status is Active.
5. System checks if user login status is Already logged in.
6. If no, System updates login status and login history table.
7. System shows landing page depending on user role. Landing page will be Dashboard for all user roles.
8. System exits use case.

Exception Flow 1 – Incorrect user id

1. System displays message Invalid Id. Register now. Register Now has hyprer link which can take user to Registration page.
2. System exits use case.

Exception flow 2 – Incorrect password

1. System shows message “ Invalid password. Please try again.”
2. System exits use case.

Exception flow 3 – User is already logged in.

1. System shows message You are already logged in .Click Ok to continue . The message box has Ok and Cancel button.
2. System exits use case.

Exception flow 4 – User status is Inactive

1. System checks user status in User table and user status is Inactive. 0 will be used for Inactive status.
2. System displays message “Your status is Inactive. Please contact Oawa Support Team at [support@oawa.co.in](mailto:support@oawa.co.in)
3. User clicksOk button.
4. System exits use case.
5. Forgot password

Actors – Anyone

Interface – All devices

1. User clickson forgot password.
2. System displays pop up with message Enter user id.
3. User enters User id.
4. If user id exists. System sends password to registered email address.
5. System shows message Password sent to registered email address.
6. System exits use case.

Exception Flow 1 – Incorrect user id

1. System displays message Invalid Id. Register now. Register Now has hyprer link which can take user to Registration page.
2. System exits use case.

Exception flow 2 – User status is Inactive

1. System checks user status in User table and user status is Inactive. 0 will be used for Inactive status.
2. System displays message “Your status is Inactive. Please contact Oawa Support Team at [support@oawa.co.in](mailto:support@oawa.co.in)
3. User clicksOk button.
4. System exits use case.

.

1. User registration

This use case describes how a new learner will register through the website or the app.

Actors – Anyone

Interface – Any device

Pre-condition – User is on website or the app home page

Main flow –

1. User clicks on Register link.
2. System displays registration form.
3. User registers through Facebook, Google or Instagram or enters email address or mobile phone number )to be confirmed).
4. System performs duplicate check and other validations.
5. System saves user details in User table with User role as Lead (7)
6. System displays Entrance test page.
7. User completes entrance test successfully.
8. System saves Entrance Test Score and sets Entrance Test field to 1 in the User table
9. System displays message “Congratulations! You have passed the entrance test.” Message box has Next button.
10. User clicks Next button.
11. System displays Fee payment page.
12. User completes payment.
13. System updates Payment status field to 1 and updates User role to Learner (2).
14. System saves Payment details in Payment table as per data received from Payment gateway.
15. System displays Landing page of the LMS
16. System updates User status to Active in User table and updates Already Logged In field to 1 in the user table.System sends Notification, email and SMS to user, Administrator.
17. System exits use case.

Exception 1 – Duplicate check

1. System finds user id already exists and Entrace test field is 1 and User status field is 1 (Active).. This means user is registered, has cleared Entrance test and payment is also made.
2. System displays message “ You are already registered with Oawa. Please click on the login.
3. Message box displays Loginand Cancel button.
4. If user clicks Cancel, dialog box is closed by system.
5. If user clicks login, System displays Login page.
6. System exits use case.

Exception 2 – Payment process fails

1. System doesn’t receive Payment success parameters from Payment gateway.
2. System displays message “Payment unsuccessful. Please try again.”
3. System displays Payment page.
4. System exits use case.

Exception 3 – User fails the Entrance test

1. System displays score received and the minimum marks needed.
2. System shows message “ Please try again” Message box shows Ok button.
3. User clicks Ok button.
4. System shows refreshed Entrance test page.

Exception 4 – User exists bas cleared Entrance test but not made payment.

1. System checks user id, Entrance Test and Payment field. Entrance Test field is 1 and Payment field is 0.
2. System displays Payment page with message “Please complete the payment process”
3. Messagebox has Ok button.
4. User completes Paymen process.
5. System performs actions described in Main flow.
6. System exits use case.

Exception 5 – Mandatory field validation

1. User does not enter mandatory field (s).
2. System displays message “Pease enter required details.”
3. System blinks cursor to the respective mandatory field.
4. System exits use case.

## Objective of Business Requirements Document:

The objective of this Business Requirements Document (BRD).

1. Lead Management

This use case describes how Sales Manager will update the leads.

Actor – Sales Manager (User role – 5

Interface – Any device

Main flow –

1. User clcks on View Lead sub menu in the Sales Menu.
2. System displays all users with User role id 7 (Lead).
3. User clicks on any Lead.
4. System displays Lead Management page.
5. User enters comments and clicks Save button.
6. System saves comments.
7. System exits use case.
8. Upload Content

This use case helps Trainer to upload content on the LMS platform.

Actor – Trainer

Interface – Web Application

Precondition – User is logged in as Trainer )User role – 1)

Main flow

1. User clicks on Upload Content sub menu in Content menu. Content format could be SCORM, MS Office formats, Open Office formats, any audio or video formats.
2. System displays Upload Content page.
3. User enters Content ID, Type and Description.
4. User upload content file (MS Office, PDF, Image, Video) and clicks on Upload button.
5. System performs duplicate check on Content Id. Content Id should be unique. On page load, System shows default Content Id. Content Id is a running number incremented by 1 on page load.
6. If Content Id already exists, User shows message “Content Id already exists. If you want to use this Id, first delete the existing Content for this Id.”
7. If no duplicate is found, System saves the data entered and the file uploaded.
8. System exits use case.
9. Accessing the content

This use case describes how Learners will access the content on the LMS platform.

Precondition - Learner is logged in.

Actor – Learner )User role – 2)

Interface – Any device

Main flow –

1. User clicks on Course content sub menu.
2. System displays list of content uploaded.
3. System disables right click. No downloading of content is allowed.
4. For mobile apps, screen shot is disabled. User cannot download or copy or convert the content in any way.
5. User views the content.
6. System updates Content Usage table with UserId and server date and time and ContentId of the content selected by user.
7. User clicks Like or Dislike button and system saves it. Thumbs Up and Thumbs Down button should be used for Like and Dislike.
8. User enters comments and system saves it.
9. User can Pause and Play.
10. User can change screen size.
11. User can Bookmark the content. Each user will have bookmark.
12. Each user will be able to see it in his/her Bookmark page.
13. System exits use case.
14. Submitting test.

This use case describes how system will capture the assessments submitted by the Learner.

Pre-condition – Learner is logged in.

Actor – Learner (User role – 2)

Interface – Any device.

Main flow –

1. User clicks on Assessment sub menu.
2. System displays list of Assessments whose Submission Status is 0..
3. User selects any assessment.
4. System displays relevant question paper.
5. User completes the assessment.
6. System computes the marks and updates the User Score in Score table.
7. System also saves the answers submitted by the user.
8. User displays the score and all the assessment withcorrect answers.
9. If user scores above 90 percent, System shows message “ Congratulations! You have won the Oawa Gold Badge. If user has scored between 70 and 90 percentage or equal to 90 percentage, System displays message Great job! You have won the Oawa Silver Badge. If user scores between 50 and or equal to 70 percentage, System displays message Good job! You have won the Oawa Bronze Badge.
10. System displays the Leader Board for that assessment id.
11. System exits use case.
12. Dashboard.

Each user will have a dashboard.

1. Learner dashboard

Learner dashboard will show the Leader board for the batch to whom the student belongs.

It will shows Learners various Assessment Scores.

It will show a pie chart which gives idea how much content that learner has consumed and how much is left.

It will have buttons where Learner will be able to view and edit some profile details.

It will have contact details of the Learner.

Learner will be able to chat with other learners who are online.

Learner will be able to chat with the Trainers online. .

1. Live video streaming

This use case describes how Trainer can conduct live vieo sessions wth students.

Actor – Trainer

Interface – Any device

Precondiiton – Trainer has sent the Zoom/Mux invite with the link to join to the Learners.

<ain flow –

1. Trainer logs in to system.
2. Trainer accesses Live Class menu.
3. System integrates with Zoom or Mux through their API.
4. Pre-invited learners log in to Mux/Zoom.
5. Session is recorded and uploaded on server as a content.
6. Learners can then access this content through the usual content catalogue.
7. System exits use case.
8. Chat

This use case describes how users can chat on the LMS platform.

Actor – Trainer, Learner

Interface – Any device

Pre-condition- User is logged in to LMS platform.

Main flow –

1. User accesses Chat menu option.
2. System displays Chat window with list of users already in the chat.
3. Users perform the chat function.
4. System exits use case.
5. Newsletter

This use case explains how Trainer can upload Oawa Newsletter/Bulletin document to the LMS.

Actor – Trainer

Interface – Any device

Precondition - Students have emailed their individual contribution to the Trainer. Trainer has made the final Newsletter PDF file.

Main flow –

1. User accesses the Upload Newsletter sub-menu in th Newsletter menu in the LMS.
2. User uploads the Newsletter PDF file.
3. System saves the file.
4. System exits use case.
5. Reports

This section describes requirements for Reports module.

General requirements –

1. All reports should be downloadable in MS Excel, CSV and PDF format.
2. All of the below Reports will be accessed from the Reports Menu of the LMS.
3. All reports should have smart Search box
4. Wherever date filter is used, From Date cannot be greater tan To Date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Access | Filter(s) | Columns | Explanation &Validations |
| LMS Usage | Admin | Student Name, From Date, To Date, Status (Active, Inactive) | Student Name, Login Date & Time, Logout Date & Time |  |
| Content Usage | Admin | Content name, From Date, To Date | Content ID, Content Name, Usage Count,  Likes, Dislikes |  |
| Student Performance | Admin | Student Name, Assessment Id, Student Score, From Score, To Score | Student Name, Assessment Id |  |
| My Performance | Learner | Assessment Name, From Score, To Score | Assessment Date, Assessment Name, Score | Userid should be taken from Session |
| My Content Usage | Learner | Content Name, From Date, To Date | Content Name, Usage count | UserId should be taken from session |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. Notifications, SMS, Email and WhatsApp

General features –

1. WhatsApp will be sent to only those users who have accepted the invite sent from the virtual number of the vendor.
2. Notificaiotns, SMS, WhatsApp and Emails will be sent for various events as shown in table below.
3. Email template will be used to send emails. All emails will go from [support@oawa.co.in](mailto:support@oawa.co.in)
4. WhatsApp messages will be sent from Registered mobile number.
5. SMS will be sent through SMS Gateway.
6. Email template will havge OAWA logo in top left corner, OAWA CFP Program written in Center on Top header. Botton of middle body will have Login button which takes user to the Login page of the [www.oawa.co.in](http://www.oawa.co.in) website. Footer will have icons of Google Play Store, Apple App store. Icons to social media pages. Center aligned will be written [www.oawa.co.in](http://www.oawa.co.in) and Terms & Conditions apply.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use Case Name/Event | Mode | Message description | Recipient(s) | Explanation &Validations |
| Registration | Email | Welcome to the OAWA Certified Financial Planner traing program! Your journey on becoming an ace Financial Planner starts now. Click below to login to our world class ELearning Platform.  (ShowLogin button which takes to the Lgin page of [www.oawa.co.in](http://www.oawa.co.in) website. Below show icons of Google Play Store and Ap Store. Click on this icons will take user to respective app page). | To – Registered email id of user.  CC – [admin@oawa.co.in](mailto:admin@oawa.co.in) |  |
| Registration | SMS | Welcome to Oawa CFP Program! Click below link \*Link of login page of website) | Registered mobile number of the User and Admin |  |
| Registration | WhatsApp | Welcome to Oawa CFP Program! Click below link \*Link of login page of website). Please send Hi to (Oawa mobile number) to begin your OAWA WhatsApp Support | Registered mobile number of the User |  |
| Upload Content | Notification | Hurray! A new tutorial on (Content description) is now available on the OAWA App. | Admin, Trainers and Learners with Active statu | Check Status field I User table |
| Upload Content | Email | Hurray! A new tutorial (Content description from the Content tbale) is now available on the OAWA ELearning platform.  Show thumbnail of the content with a hyperlink that takes user to the content if user is already logged in or has saved his credentials in the browser. | Admin, Trainers and Learners with Active status |  |
| Submit Assessment | SMS | Your score in (Assessment Name) is (User score in that assessment). | Learner who submitted assessment | Access learner’s moble number through the session |
| Submit Assessment | WhatsApp | Your score in (Assessment Name) is (User score in that assessment). | Learner who submitted assessment | Send only if user has accepted WhatsApp invite on registration |
| Submit Assessment | Email | Your score in (Assessment Name) is (User score in that assessment). | Learner who submitted assessment | Access learner’s moble number through the session |
| Upload Newsletter | Email | A new Newsletter filled with the latest information of the Financial and Insurance world is now available on the OAWA portal and app. | Admin, Trainers and Learners with Active status |  |
| Forgot Password | Email | Your Oawa password is (User password from user table if user status is Active) | Registered Email Id of the User | Ony Active users will get password |
|  |  |  |  |  |
|  |  |  |  |  |

## 1

## u. Intended Audience

The main intended audiences for this document are the business owners of the proposed system. This document should be readable by business owners of the proposed system. They must be able to verify that their business requirements have been documented here completely, accurately and unambiguously.

Data Architects, Application Architects and Technical Architects would also find the information in this document useful when they need to design a solution that will address these business requirements.

Since the requirements are documented here in Technology-independent manner, the end-users of the system should be able to comprehend the requirements fairly easily from this document.

## Business Requirement

### Current process

Explain the current process. Please write here your complete requirement in detail with samples if needed.

### Proposed solution

Explain the solution expected for the current process with a brief note on the features.

## Work Flow:

**Website description -**

Following details the specifications of the website –

1. Website will be made on a dynamic responsive template. Template will be given to you.
2. Following are the Menus –
3. Home – It will take user to the home page [www.oawa.co.in](http://www.oawa.co.in)
4. CFA Course – When user clicks on it, submenus will open.
5. Oawa Alumni – When user clicks on it, submenus will open.
6. About Us – Click on this will open its submenu.
7. Contact Us – This will open the Contact Us page.
8. Register – This can be a link or button. It will open the Registration page.
9. Login – This will open the LMS Login page.
10. Following are the Sub Menus –
11. CFA Course.What is CFA – This will open the What is CFA page.
12. CFA Course.Why I need CFA – This will open the Why CFA page
13. CFA Course.How to start – This will open the How CFA page.
14. Oawa Alumni. Abot Alumni – This will open Oawa Alumni Description page
15. Oawa Alumni.Login – This will open the Oawa Alumni login page.
16. Logo

Oawa logo will be part of the websie header. T will be on top Left corner and will be shown on all pages. The logo image can be taken from the Requirements folder in shared drive.

1. Website footer

Website footer will have icons of Social Media pages. It will also have all Menus and Sub menus. Copyright Oawa Invest Education Pvt. Ltd. will be written at bottom center aligned. Links to Privacy Policy and Terms and Conditions documents will be on either side of the Copyright.

1. Individual web pages are described below –
2. Home

It wil have a cente slider. Image size will be and images are kept in Requirements folder on the shared drive.

1. Why need CFA

## Reports

What kind of reports required with examples

## Business Use Cases

### Use Case 1

|  |  |
| --- | --- |
|  |  |
| **ID:** |  |
| **Title:** |  |
| **Description:** |  |
| **Primary Actor:** |  |
|  |  |
| **Assumptions:** |  |
| **Preconditions:** |  |
| **Post conditions:** |  |
| **Main  Success Scenario:**  **(Steps)** |  |
| **Variation:** |  |
| **Extended Use Case:** | -- |
| **Included Use Case:** | -- |
| **Frequency of Use:** |  |
| **Status:** |  |
| **Priority:** |  |

## Open Questionnaires

### Open or Tracked Issues

List any issues along with any resolutions or relevant discussion.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date/By** | **Issue/Comment** | **Date/By** | **Resolution** |
|  |  |  |  |
|  |  |  |  |

## Document Acceptance

The signatures below indicate the formal acceptance of this document as a thorough analysis of current processes, customer requirements, and a functional design to handle the requirements.

Acceptance affirms that the expectations for the business requirement-gathering phase have been met, but also acknowledges that there will likely be changes to the processes as the solution is developed and tested.

|  |  |  |  |
| --- | --- | --- | --- |
| **For Firstsource - Software** | **Date** | **For Client** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |