**Key Features**

**Learning Management System**

**Version 1.4**

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**Scope of Document:**

This document contains the information related to the Features and Functional and non-Functional Requirements.

**Key Features of the website:**

**Once the any user logs into the website**

**There is about us of the company**

**And in the top left corner there should be a button that says” Register “.**

**Upon clicking on that button, it will show a drop down button with following options  
  
For Example - Register as 1:**

**User Sides**

1. Professional/Teacher

2. Student

3. Parents

4. Admin (Except This)

5. Landing Page

**Landing Pages**

Landing Page for the Web

Search Option on Landing page

List of courses after Search With pagination

Course Details Page

Professional Detail Page

**Features Under Professional**

Professional will register themselves

**1. Registration**

1.1 Provide name and email

· First Name

· Last Name

· Username

· Email

· Password (Min 8 Ch, Min 1 Special Ch, should be mix of upper case lower case at least 1 number)  
  
Confirm password

1.2 Verification email sent  
User has to confirm his/her registration through the email link sent to his/her mail’s inbox.  
The User has to verify the account from the email which was sent to him/her  
After confirming he/she can log in to the account otherwise there will be a pop-up appearing “verify your account first”.

Registration Flow:

1. Person can put Name (First, Last) with Email and Password to sign-up

2. Email will be sent to Person to activate the account.

3. Activation of account will be with the link.

4. The Person can only log in once the Account will be activated.

5. Email templates will be provided to development.

6. Person’s Username should be unique.

**2. Login**

2.1 Login With Email Or Username with the Password.  
 2.2 Remember Password Option on Login Page.  
 2.3 Forget Password Link will Leads to Forgot Password Screen  
 2.4 Terms & Condition Check will be mandatory  
 2.5 According to the Role of User Will redirect to DashBoard accordingly.

**3. Forgot Password**

3.1 Provide email and submit for the Reset Password (Send the Email with The Pin on the Email if Email address Exist)  
 3.2 Screen will move to enter Pin and User will Enter Pin to validate and move to Enter new Password Screen.  
 3.3 User will enter the New Password and Screen will be redirected to Login Screen.

**4. Profile**

1. Name (Mandatory to add)

(First Name, Last Name)

1. Gender (Male, Female, Other) (Mandatory to add)
2. Profile Picture (Optional to add)

(Upload jpg, png)

You can also choose from Pre Updated Avatar Faces)

1. Date of Birth (Mandatory to add) (Day, Month, Year
2. Complete Address (Mandatory to add )

Address Line 1 , Address Line 2, City, Country, Postal Code,

1. Phone Number and Mobile Number – Both are optional to add (Optional to add)
2. Educational Certificate with Details (Mandatory to add )

Degree Title, Board Or University, Year of Completion, Upload Certificate File (Image or PDF)

1. Experience (Mandatory to add ) (Job Experience, Teaching Experience)
2. Verification Documents (Mandatory to add )

Domunet Name( Dropdown Selection) Expiry Date, Upload Document Option( Image, PDF)

1. Interested Subjects (Optional to add) (Write Max 10 Interest, through tags)

(example writing, Designing etc.)

1. Bank account Information (Mandatory To Add) (Account Title, Bank Name, IBAN, Account number, Branch Name, Branch Code(Optional), Swift Code(Optional))
2. Terms and Condition Checkbox should be checks to save the profile Information
3. A separate Terms and Condition Page will be Created for the Profile will be different than General terms and conditions.

Profile Flow:

After completing all the Mandatory Fields, the Dashboard will be accessible, Otherwise, You will be redirected to the Profile Section again after login to complete that information.

**5. Dashboard**

Dashboard will contain Following Options

On the Top it will show the tiles of (Number of Courses , Number of Courses Sold, Number of students Enrolled)

In middle There will be 2 graphs side by side that will show the last 5 most bought Courses.and last 5 most enrolled Courses)

**6. Menu for Professional**

**6.1 Course Category Management**

Manage Category Under the Types

Select Type from Dropdown, Category Name

Category Will be Approved by Admin to come in list

**6.2 Course Management,**

Course will be divided into 2 main Types

Video Courses

Online Courses

**6.2.1 Video Courses**

**Add New Course:**

Course details: (Course Name, Course Description, Course Category(Dropdown), Course Title Image, Course Tags)

Course Outline: it will be in the form of Table of content:(Sr. No, Title, Duration) for Videos.

Course Content:

Video Content: (Title of Video, URL Link of Video(You Tube, Vimeo), Thumbnail of video, Duration)

Video Content will have option to make that free or paid

Course Materials,

Handout Content: (Title of Doc, Url Link of Doc)

Handout will have option to make that free or paid

Course Fee: (Course can be Paid or Free, Course Fee (In PKR and USD, Discount, Fee Currency)

Course Status,

Active/ In active, Draft/ Published

**List Of added Courses,**

List will show to the Professional for Edit, view and Delete,

**View Course Details**

Course View Page will contain all information related to Course,

Ratings given by persons who bought the course (Total Ratings)

List of Students How bought that course

**6.2.2 Online Courses**

**Add New Course:**

Course details: (Course Name, Course Description, Course Category(Dropdown), Course Title Image, Course Tags)

Course Duration(In Weeks or Months)

Course Slots, (From Date, To Date, From Time, To time, Enrollment limit)

Slot will have Max Enrollments Limit( Max will be 20)

Class Duration (In hours and Minutes)

Week Days of Class( Selection of the Days in week for Class will be Conducted)

Course Outline: it will be in the form of Table of content:(Sr. No, Title, Duration of the class, Type of Class like(lecture, Quiz, Exams , Assignments).

Course Content:

Video Content: (Title of Video, URL Link of Video YouTube, Vimeo), Thumbnail of video, Duration)

Video Content will have option to make that free or paid

Course Materials,

Handout Content: (Title of Doc, Url Link of Doc)

Handout will have option to make that free or paid

Course Fee: (Course can be Pain or Free, Course Fee , Discount, Fee Currency)

Course Status,

Active/ In active, Draft/ Published

**List Of added Courses,**

List will show to the Professional for Edit, view and Delete,

**View Course Details**

Course View Page will contain all information related to Course,

Option to start the Course Slot and Create Calendar View for that Slot According to the Slot and Days selected for the class.

Ratings given by persons who bought the course (Total Ratings)

List of Students Who Enrolled in the course along with the Time slot Selected

**6.2.3 Common for Online and Video Course**

1. Delete Option will work only if Enrolments are not there on the course.
2. Question Answer Section Of each Course will be available for the course.

Question/Answer Section,

Student Enrolled or Student Bought the course can put the question and Professional will receive notification and can answer the question.

6.3 **Chat Messenger**

1. Under the Course there will be a Tab for Chat Messages for Professional.
2. Professional will able to see all message from the students enrolled under that course and answer them
3. Chat will be only text chat.

**6.3 Enrolments**

6.3.1 List Of enrolment by the student

Filter option with Course type , Course and Enrolment Date.

6.3.1 Enrollment Details page with (Course details, Student Details, Fee Details)

6.3.3 Option to start that course from the Enrollment.

**6.4 Calendar**

Calendar View in which a Professional can manage the Class with the Student and start session on that time slot.

Add Quiz Option on the Calendar from the Already created Quiz from the Course and Put the Time to start the Quiz for the Student.

Once User will Complete The Quiz Professional will get the Result on the calendar in case of a Pre Answer Quiz.

If Quiz is Text Quiz that Professional Will Have Options to open the Quiz Details and Mark the Answer right or Wrong

Professionals WIll have Option to Add Assignment on the Calendar for specific course and slot assignment,

Assignment Popup Details

Select Course, Select Slot, Assignment Title, Assignment Description, Upload Document, Assignment Total Points.

Once Assignment Is submitted by the Student Professional will have Option to view the Answer and Download the File as well and Give student points after checking that.

Once Points have been given to Student professionals will not be able to change that after.

**6.4 Reports**

Student Report: Filter option by (Course , Status Of Course/ Inprogress/ Completed, Date Range,

Student Report Columns: Course Category, Course Title, Number of student Enrolled, Number of students Completed

Sales Report: Filter Option( Course, Date range)

Sales Report Columns : Course Category, Course Title, Student Name, Amount Paid , Transaction ID, Date.

Note: Report will have Option to export in the PDF.

**6.4 Quiz**

Course Selection  
 Quiz title   
 Quiz Time  
 Quiz Type (Text, Multiple Choice, True/False, Select One From Multiple Options )  
 Quiz Questions   
 Text type Questions  
 Question Text Only

Multiple Choice Question

Questions Text

Add Multiple Answer and Can Mark Right one for Auto Generated Result

True False Questions

Question Text

Mark the Right And from True Or False

Single Choice

Question Text

Add Multiple Answers and Mark only One as a right one.

**7. Certification (Optional)**Course Completing Certifications - A template will be provided by the admin , and it will change the name, date, course name and ID on the certificate.

Alerts / Notifications - All the notification related to Users, Messages, Fee Information. The notification will appear on the profile, and It will also be sent on the Email.

**8. Payment Methods Settings**

8.1 If a professional is from Pakistan, they need attached his/her Easypaisa account to receive the payment.

8.2 Payments from pakistani professionals from pakistan will receive directly on the easypaisa account after deduction of the Platform fee.

8.3 If a professional is not from Pakistan, they need to attach the Stripe account to receive the payments.

8.4 Payments from other than pakistani professionals from around the world will be received directly on the Stripe account after deduction of the Platform fee.

Note: Professionals will not be able to receive the Money until they have attached their accounts.

**Notification:**

1. Professional Will receive Notification if someone will enroll into the Course
2. Will receive notification if some will buy the Course
3. Will receive notification if Student will Completed the Quiz
4. Will receive notification if Student will Submit The Assignment
5. Will receive notification if Student will send the Chat Message.

----------------------------------- End Teacher -----------------------------------------

**Features Under User**

The Registration Process for Parents / Users

**1. Registration** (This will be categorized as User and Parent)

1.1 Application

1.1.1 Provide name and email

· Choose your Identity from (User or Parents), (Are you making a parent account or User Account) So there will be an option to choose your identity first.

· First Name

· Last Name

· Username

· Email

· Password (Min 8 Ch, Min 1 Special Ch, should be mix of upper-case lower case at least 1 number)

· Confirm password

1.2 Verification email sent

The User has to confirm his/her registration through the email link sent to his/her mail’s inbox.  
The User has to verify the account from the email which was sent to him/her  
After confirming he/she can log in to the account otherwise there will be a pop-up appearing “verify your account first”.

**2. Login**  
 2.1 Login With Email Or Username with the Password.  
 2.2 Remember Password Option on Login Page.  
 2.3 Forget Password Link will Leads to Forgot Password Screen  
 2.4 Terms & Condition Check will be mandatory  
 2.5 According to the Role of User Will redirect to DashBoard accordingly.

**3. Forgot Password**

3.1 Provide email and submit for the Reset Password (Send the Email with The Pin on the Email if Email address Exist)  
 3.2 Screen will move to enter Pin and User will Enter Pin to validate and move to Enter new Password Screen.  
 3.3 Users will enter the New Password and Screen will be redirected to Login Screen.

**4. Profile**

Profile Information (For User and Parents), (Parent will be able to see the Child’s Profile Information and He can also do the Payments for their Child)

4.1 Student Profile Info

4.1.1 Name (Mandatory to add) (First Name, Last Name)

4.1.2 Gender (Male, Female, Other) (Mandatory to add)

4.1.3 Profile Picture (Optional to add) (Upload jpg, png) (You can also choose from Pre Updated Characters Faces)  
(any girl character cartoon or Boy’s character cartoon for Profile Picture)

4.1.4 Date of Birth (Mandatory to add) (Day, Month, Year)

4.1.5 Complete Address (Optional to add)

(Current Address, Permanent Address, City, Country) ( Mentioning City and Country are Mandatory))

4.1.6 Phone Number and Mobile Number – Both are optional to add (Optional to add)

4.1.7 Education (Optional) (Optional to add) (School, College, University, Other Institute)

4.1.8 Certificates (Optional to add) (Certificate Name, from which Organization, Date), (Optional - Uploading PDF, JPG, PNG, DOC file of Certificate)

4.1.9 Interests (Optional to add) (Write Max 10 Interest, through tags)

(example writing, Designing etc.)

4.1.10 User Code (Will be Auto Generated Code for Each Student)

4.2 Parent Profile Info

4.2.1 Name (Mandatory to add) (First Name, Last Name)

4.2.2 Gender (Male, Female, Other) (Mandatory to add)

4.2.3 Profile Picture (Optional to add) (Upload jpg, png) (You can also choose from Pre Updated Characters Faces)  
(any girl character cartoon or Boy’s character cartoon for Profile Picture)

4.2.4 Complete Address (Optional to add)

4.2.5 Phone Number and Mobile Number – Both are optional to add (Optional to add)  
 If code of User added by Parents, User will get notification to confirm that Relation.

If code of Parents added by User, Parent will get notification to confirm that Relation. The notification will be sent on the profile and Email.

Profile Flow:

After completing all the Mandatory Fields, the Dashboard will be accessible, Otherwise, You will be redirected to the Profile Section again after login to complete that information.

**5. Dashboard**

5.1 Parent Dashboard

5.1.1 Parent will Have Option to Link with the Child with the Student Unique ID

5.1.2 On Dashboard parent will able to see all Attached Childs

5.1.3 (Parents can view all the activities of their kids on a single dashboard. After adding the relational code.)

5.1.4 Parents can see all enrolments of the child on the Dashboard.

5.1.5, Parent will have option to enroll any of his/her Child for the any course

By selecting the child from the list

5.1.6 Search Option to search the Course and Professional

List will have 2 options on each course

Online Course options (Enroll, View Details)

Videos Course Options( Buy , View Details)

5.2 Student Dashboard

5.2.1 Search Option to search the Course and Professional

List will have 2 options on each course

Online Course options (Enroll, View Details)

Videos Course Options( Buy , View Details)

5.2.2 All Enrolled Courses will come on The top of the Dashboard.

5.2.3 Suggested Courses list will show to the students according to the Interest

5.2.3 After Searching the course student will able to enroll in the course in case of online and in case of video can able to buy

**6. Courses**

6.1 List of courses enrolled for online Class and list of Videos Courses

6.2 Will have Option to go on the Details page of the Course

6.3 Course Details Page

6.3.1 Will same view as Professional and more Options

6.3.2 Options wo see details of course Progress in case of Online

6.3.3 Option to see Professional Profile

6.3.4 Option to rate the Course

6.3.5 Option to rate the Professional

6.4 User and Parent both will have Courses Menu parents can able to see the as per child.

6.5 User will have Option to send the message to professional in case any query for both type of courses( Online and Video)

**7. Enrolments**

7.1 Enrollment Types (Paid, Free)

7.2 Enrollment Fee needs to be paid before enrollment for the course.

7.3 All Enrolled Course List.

7.4 Enrolment Details Page(Course Details, Professional Details. Course Stratus)

**8. Payment**

8.1 Payment Method need to implement (Telenor Easypaisa, Strip)

8.2 According to the Region price with show on the Course (Pakistan PKR, Other than Pakistan USD)

8.3 Pakistan it will take the payment on Telenor Easypaisa

8.4 Other than Pakistan payment will be with the Strip.

8.5 need to record the payment details on both cases

8.6 In case of Student will take the course other than pakistan payment will be in USD with Strip

8.7 I case of Professional Will be from other than pakistan payment will be in USD with strip.

8.8 If Professional will not add the receiving Payment Methods Payment will be transferred to the Central Account.

8.9 Payments for the pakistani professionals from outside will come to LMS central Account will reconcile Manually Admin will have the option to add manual payment from the Admin Panel.

8.10 If a Professional from other than Pakistan did not add the receiving payment method of payment will be received in the Central Account.

**9. Calendar**

9.1 Calendar View in which a Professional can manage the Class with the Student and start the session on that time slot. Students will be able to see the Enrolled courses classes on the Calendar.

9.2 Students will be able to see the Quiz on the calendar as well in different colors and will have the option to start the quiz from the calendar.

9.3 Students will be able to see the Assignments on that calendar given by the Professional with the due date, Students can open that Assignment from the Calendar

9.4 Assignments will have a Detail popup in which users will be able to submit the Assignment after completion.

9.5 Any Online class or quiz start option will be Enable only once the time will come before that it will only read only,

9.6 Classes or Quiz completed will be show on the different color

9.7 Once the Quiz is completed and score has been added on that Student can see the Score in terms of points or Pass and fail.

9.8 Parents can also see the calendar of Child by selecting the Child from the Top.

9.9 or Parents it will be readonly and parents check the scores of Quiz and exams for that child.

**10. Alerts / Notifications**

10.1 Enrolled Students will get the Notifications for Class, Quiz, Assignment, before Some time, (Time can be Set by the Admin).

10.2 Parents will also get the Notifications for All their Child's Classes.

10.3 Students will able to get Notification of chat Messages from the

10.4 Students will be able to get notifications for the result of assignment and quiz.

**11. Payment**

11.1 Students from Pakistan for Course from pakistan Professionals will be able to pay via Easypaisa only.

11.2 Students from Pakistan for Course from other than pakistan Professionals will be able to pay via Stripe only.

11.3 Students from other than Pakistan for any Professionals will be able to pay via Stripe only.

…………………………… End Student ----------------------------

**Features Under Admin**

1. **Users**

1.1 User List with all the necessary Details with Filters (User Type)

1.2 User View details page Along with the Edit and Delete.

1.3 Option to Approve the Professional Users.

1. **Courses**

2.1 Manage courses categories (Add, Edit Delete)

2.2 List of Courses Added by the Professionals

2.3 Will able to see the details of Courses

1. **Enrollments**

3.1 LIst of Enrollments for all students

3.2 will able to see enrollment details

1. **Reports**

4.1 Students Enrollment Reports (Filter Options , Course, From - TO Date, Country, City)

4.2 Professional Report (Filter Options ,From - TO Date, Country, City)

4.3 Payment Reports (Student detail, Professional Detail Course Name, All Payment related Columns, payment method)

Filter Options for Payment Report ( Course, From - TO Date, Payment Methods)

1. **Manage Payments.**

5.1 List Of payment Transactions (Student Name, Course Name, Payment Amount , Payment Method, Student Payment Status, Professional Receiving Status)

5.2 Detail of Payment transaction with All Necessary Details from Course Student, Professional, Payment methods,

5.3 Option to Update the Status of the Payment for Professional.

1. **Settings**

6.1 Notification Time Settings (able to change the Time Of notification for the Students before Class and Quiz and Assignment Time. (Web notification)

6.2 other Settings According to development Requirements