1. Process Logic

**Home:**

When the user click on this tab, it will display the other modules and pages of the website such as courses, payment status, login, sign up, popular section, feedback section, contact and admin login. This module will be used to display the brief introduction of the project and will show the title of the project.

**Courses:**

Student can view all available courses by clicking on courses tab where he can choose course according to his own interest and by clicking on a particular course, will display more details with lesson title of the course, if he wants to purchase he will be able to make payment (required login).

**Login:**

This is a login form. Student/Learner can use their own email and password to login into the student panel.

**Sign Up:**

This is a Registration form for new Students/Learners. New Students/Learners can fill up the form for registration and after successful registration they can use their email id and password to login into the application.

**Feedback:**

This is very simple section which displays feedback given by the registered student.

**Contact:**

Learner can use this section to contact the admin/tutor for any kind of queries.

**Student Panel:-**

**Profile:**

Students/Learners can view their student id, registered email id, name, occupation, profile picture as well as they can modify and update the new data if they need.

**My Courses:**

Students can view all courses which they purchased. This is the place where they can start watching lectures by clicking on Watch Course button which leads to course playlist where they can watch the entire lesson of course.

**Feedback:**

Students can view/write feedback.

**Change Password:**

Students can use this module to change password.

**Logout:**

This module is used exit student panel and return back to Home Page.

**Admin Panel(admin gmail-cloudsony999@gmail.com,pass-java@123)**

**Dashboard:**

This module displays overview of whole application such as number of course, number of registered students etc.

**Courses:**

This is the most important module of admin panel where Admin can view list of course as well as add new courses and modify or delete courses.

**Lessons:**

Admin can view lesson based on course id as well as new lesson can be added to the course and modification or deletion is also possible using this module.

**Students:**

Admin can view registered students details. Admin can add, edit and delete student.

**Feedback:**

Admin can view/delete feedback given by student.

**Sell Report:**

Analyzing sales is very import for any kind of business and this module is perfect for analyzing sales based on date. It will generate sells report which can be possible to print out for office records.

**Change Password:**

Admin can use change password.

**Logout:**

This module is used exit admin panel and return back to Home Page.

1. Data Dictionary(lms\_db)

In order to maintain the data of the database a number of tables are used. Various tables contain data about the various entities.

**Table Name: Admin (Stores Admin Detail)**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Description** |
| admin\_id # | int(11) | Stores Admin ID |
| admin\_name | varchar(255) | Stores Admin Name |
| admin\_email | varchar(255) | Stores Admin Email ID |
| admin\_pass | varchar(255) | Stores Admin Password |

**Table Name: Student (Stores Student Detail)**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Description** |
| stu\_id # | int(11) | Stores student ID |
| stu\_name | varchar(255) | Stores student Name |
| stu\_email | varchar(255) | Stores student Email ID |
| stu\_pass | varchar(255) | Stores student Password |
| stu\_occ | varchar(255) | Stores student occupation |
| stu\_img | text | Stores student profile picture |

**Table Name: Feedback (Stores Feedback Detail)**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Description** |
| f\_id # | int(11) | Stores Feedback ID |
| f\_content | text | Stores Feedback content |
| stu\_id | int(11) | Stores Student ID |

**Table Name: course (Stores Course Detail)**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Description** |
| course\_id # | int(11) | Stores Course ID |
| course\_name | text | Stores course Name |
| course\_desc | text | Stores course description |
| course\_author | varchar(255) | Stores course author/instructor |
| course\_img | text | Stores course display picture |
| course\_duration | text | Stores course duration |
| course\_price | int(11) | Stores course selling price |
| course\_original\_price | int(11) | Stores course original price |

**Table Name: Lesson (Stores Lesson Detail)**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Data Type** | **Description** |
| lesson\_id # | int(11) | Stores Lesson ID |
| lesson\_name | text | Stores Lesson name |
| lesson\_desc | text | Stores lesson description |
| lesson\_link | text | Stores lesson video link/video file |
| course\_id | int(11) | Stores course ID |
| course\_name | text | Stores course Name |