# Modules To be Designed

1. **Login and access module.**
   - User/Institute sign up module.
   - Sub Users/Participants signup module
   - Sub Users has to register for a particular course. He can only access to that course.
   - If any live session is there related to that course he can also access the same.
   - Live session or Zoom links will be send on the basis of the schedule.

2. **Repository Module(where videos to be added)**
   - Videos to be saved according to the categories.
   - Search options available.
   - Videos should be listed on the basis of the remarks and feedbacks. Basically rating and review functionality.
   - Videos should be persistent that means suppose one registered student has finished 50% of the videos so next time he will be coming he can start from that point. He does not have to start from beginning.

3. **Security module.**
   - One user can only access a single session with 2FA.
   - If he disconnects then the session will be destroyed and another new session will be created with the same login.
   - For a large event a separate pass will be generated for a particular user which will only be valid for that event and for that event only one pass will be valid for the same user.
   - Individual session based pass can be generated but for getting the pass the user should have the registered ID.

## Modules To be Designed

### 4. Live session Module

- We will be using Zoom license version for the live session.
- Respective trainer will schedule the zoom account for his login.
- The meeting will be scheduled and the link will be distributed to those students on their prior confirmation for availability on the basis of payments.
- This live session has the option for one to one, one to many, and maximum 3 to many.
- Live chat option ,raise hand option and live question answer options should be there on the module.
- Teacher as the host has the options for mute all and unmute and start video and stop video options available.
- Live training classes can be saved for future references.
- Late logins also be allowed and the student can access the video too after the session completed. Complete access of the module for that student will be provided incase he had done the payment in full.

### 5. Feedback and Analytics module

- Feedback form should be present on completion of each and every task.
- On the basis of the feedback of each module, rating of the course will be decided and it's a dynamic process where automatically the rates will be upgraded or downgraded accordingly.
- The analytics report will be produced where we can observe how many students accessed the course, for how much duration, percentage of fees paid, mode of payment everything will be there.
- There will be a column where improvement suggestions will be taken in that form and we can provide a separate report for the particular event or course where only improvement factors will be there.

### 6. Support and Subscription

- Technical support or CRM to be provided for subscribed users for live session, video streaming, payments, and Analytics.
- This is mutual understanding and can be discussed on the situation and Sale as physical resources involved in support.
- Free subscription will be allowed but it is purely based on the Course owner, he can decide the user and duration for which the course will be free.

## Modules To be Designed

### 7. Payment module

- Payment gate way will be installed for all types of payments.
- Receipt will be available for each payments
- Overall report for pending payments and paid payments will be populated..
- National and international payments option should be there.
- Once paid the course should be available for the user for lifetime/duration availed.

### 8. Third Party Integrations

- Payment gateway
- SMS gateway
- Email gateway
- Zoom

### 9. Technologies

- Database: MS SQL Server
- .NET Core, MVC,  ASP.NET, Xamarin

### 10. Costing and staffing Estimation

- Though cost estimation will be directly proportional to the modules and scope of work, here we can forecast for the staffs .
- 4 developers(3 back end and 1 front end).
- 1 DBA [Part time in development stage/ Fully once live data increased]
- 1 Tester [Part Time]
- 1 Documentation , deployment and quality
- 1 Lead or Manager
- Time line 4 to 5 months.(For complete delivery)