# Scope of work

### Role for Login

* Admin
  + Manages the website
* Teacher
  + LLF Innovation Coach
  + CGI Mentors
* Student
  + Student will register to access the website

### Development Modules

**Teacher Registration**

1. Teacher registration form will be available in public domain, Admin will approve the teacher’s account.
2. We can send the login details to the teachers via email/phone.
3. Teacher registration fields: first name, last name, username, email, phone number, password, date of birth, gender, location, qualification, country, state, city

**Student Registration**

1. Student registration will be publicly available.
2. Students will fill-up the form for registration, the account will get created.
3. Students will receive an OTP to complete the registration process
4. Fields for student registration form: first name, last name, username, email, phone number, password, age, gender, location, school name, standard (Based on GDPR compliance)
5. Prefix - postfix which can be used for username autosuggestions

**Student dashboard**

1. On the student dashboard, we will display the activities with recent to old and there will be filters based on the status of the activity.
2. All the activities created by the admin will get displayed on the student dashboard and the student will be able to attend those activities which have not completed
3. There will not be any consideration of difficulty level for the activities, any student can attend any activity.
4. In the edit profile, the student will be able to edit all fields taken at registration.
5. Consider the username as a unique entity
6. Student’s badge progress will get displayed on the dashboard
   1. All the levels Bronze, Silver, Gold will be displayed but will be greyed out
   2. As an when student completes the activity, portion of the badge gets filled
   3. Once Student achieves Gold Badge, Bronze and Silver Badges will go into background and only Gold and Platinum Badges will be seen for student.
      1. 3 Bronze 🡺 1 Silver
      2. 3 Silver 🡺 1 Gold
      3. 3 Gold 🡺 1 Platinum

**Teacher dashboard**

* 1. The number of assigned activities and their short details will be displayed on the teacher dashboard.
  2. On click of the single assigned activity from the list, it will redirect to the detail page where the teacher will be able to change status and add comment/review.
  3. All the activities being reviewed, accepted, rejected will be displayed with a respective tabular format.
  4. The teacher will be able to update the profile details.
  5. Teachers will get assigned to activity as and when a new student submits the activity

**Activity Management by Admin**

1. Admin will be able to create an activity from the admin dashboard.
2. A single activity will be having the following parameters:

* Theme of the activity
* Activity Name
* Before You Begin
* DIY Activity
* Video
* Instruction Manual
* Challenge Activity Section
* Bonus Activity Section
* Submit Challenge Activity Button
* Feedback Form
* Help Button
* Publish date (Just informative)

1. When activity gets created it will get displayed to students and available for
2. There will not be any draft stage. Whatever admin will create it will directly get available for students.
3. In the case of false creation of the activity, the admin will make its status as OFF, this will be an irreversible process.
4. Once activity invalidated then cannot be re-assigned to the student, so the option is admin need to launch the new activity only.
5. Activities will be published on a weekly basis.

**Activity selection and completion by the student**

1. All activities will be displayed on the student dashboard page in left hand side
2. Accepted/Completed activities should be available to view only
3. The student will be able to upload the task file for the activity task in the form of PNG, JPEG (For a future keep ZIP file, PDF)
4. There will be a status for each activity like - started, sent for review, accepted, rejected
5. When a teacher is assigned to an activity, the student will get the teacher’s name only

**Badge Allocation Process**

1. There will be four badges - bronze, silver, gold, and platinum.
2. Admin will be able to change the badge - title, image, number of activities, and hierarchy to be changed from the admin dashboard
3. Admin will be able to define the number of activities to be completed to achieve a bronze badge.
4. Admin will be able to define how many numbers of bronze badges are required to achieve a silver badge. And how many silver badges will be required to achieve a gold badge. And so on…
5. The number of achieved badges will be saved for each student in their account.
6. Whenever the student completes the activity considering current criteria set by the admin for badges, the student's badge count will get updated according to bronze 🡪 silver 🡪 gold 🡪 Platinum hierarchy.
7. We will show badges in the form of an image on the student dashboard with their count.

**Teacher Allocation Process**

1. We will create a random teacher selection mechanism which will make sure that none of the teachers will get idle.
2. The maximum number of activities can be assigned to the teacher in a day will be decided by number of activities submitted by students.
3. Teachers need to clear the assigned activities within 72 Working Hours
4. The teacher will be able to place a text comment/review while updating the status of the activity for a student.
5. The comment/review placed by the teacher will be shown to the student at the single activity detail page.
6. There will not be any communication from the student side.
7. Once the teacher will change the status of the activity of a student it will be an irreversible process and there will not be any reupload for any activity.

**Notifications and Contact**

1. There will be necessary email and SMS notifications.
2. Dashboard notification will get shown on page refresh.
3. There will be a contact form available for students.
4. The form will get submitted to the admin email address.
5. Further admin will handle the responses offline.
6. Admin will assign the offline response responsibility to one of the teachers based on availability, this availability will get checked offline.

**Feedback and Help**

1. Students will be able to give feedback against each individual activity.
2. Activity Feedback will have same questions across all the activities
3. The feedback form will be having a star rating field.
4. There will be a comment text field in the feedback form.
5. The overall Feedback form will have a question like how likely you are to recommend this Website to your friend.

**@Client**

* Let us know the fields for the overall feedback form and per activity feedback form → For all activity’s questions will be same, 3-4 type of questions, One single feedback page for all the feedbacks
* Let us know what type of reports need to be generated based on the feedback forms? → Activity based and selected options based, Rating wise reporting

**Reports to Admin**

1. How many students are active?
2. How many students have achieved Gold, Silver, Bronge. (Filter)
3. How many activities are completed by the students?
4. How many activities are in on-going status?
5. Number of teachers
6. Number of activities rejected
7. Report of number of enrollment by month / week / quarter / annual → How many students at least attempted and accepted by teacher. **(Activity based)**
8. Stages of a completion – Submission, under assessment, qualified, awarded etc., → Started, submitted, under review, accepted or rejected.
9. No materials loaded by month / week / quarter / annual → Whatever uploaded just shows in the report.

**Other Modules Likely to be needed after the launch (Phase 1 Only)**

1. Share the badge on Social Media
   1. Facebook
   2. WhatsApp
2. Student Leader board
   1. List of students who achieved badges with its counts.
   2. This page will be available for public and admin with the filter of badge type.
3. Testimonials on homepage
4. Share site by social media

**Star project**

1. Name, theme, Activity name, video reference [either vimeo or youtube player], Write up from student, image.
2. Teachers will select good activities submitted by students and mark them as recommended.
3. These recommended activity submissions will be shown to admin, based on recommendation, admin will contact students offline for more information to create a star project.
4. Admin will create the star project by adding extra parameters and uploading the file for the start project.
5. The star projects will get displayed to the public on a separate page.
6. On the star projects listing page there will be student name, theme, activity name and featured image.
7. On click of the single star project it will redirect to the details page, the video, description and other information will be displayed.
8. Admin will be able to hide the star project from public display.

**Overall Website**

1. Main Page
   1. About the Program
   2. Vision & Mission
2. About Us
   1. About LLF
   2. About CGI
   3. Disclaimers
3. STAR Projects Gallery
   1. Selected Projects will be displayed
4. Student Leader board

**Technologies**

a. Server-side language : PHP

b. PHP Framework : ???

c. Database: Relational database MySQL

d. Frontend: HTML, CSS, JS, SweetAlert, Datatables, Toster, Popups.

e. Other Integrations: SMS Gateway