

# Skill Development Portal for Training Partner and Assessment Bodies

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**Abstract** – The Process of getting enrolled of the Trainings carried by the partners and Assessments done the body conducted by INDIAN government body Skill Council for Green Jobs (SCGJ) manually on papers and there is no way to track the status of the enrolled form by an applicant. Sometimes it becomes tedious approach to get updated facts regarding present & past batches that has been assessed and Trained, which leads to the delaying in certificates of Candidates.<sup>[4]</sup> This Digitization & Automation Process of the Skill Development Portal for Training Partners and Assessment Bodies is to bring clarity in the workflow of the ecosystem of the SCGJ.

Training Partner and Assessment Bodies will able know about their application status.

**Key Words:** Assessment Body, Training Partner, SCGJ User, Digitization, Automation, Trained and Assessed.

## 1. INTRODUCTION

Digitization & Automation of skill development and ecosystem for SCGJ where a common platform for the private firms and SCGJ users which make them more friendly but also provide transparency, accuracy and Time Saving.<sup>[1]</sup>

Our Module 'Skill Development Portal for Training Partners & Assessment Bodies' provides doorway for them in which the tables are according to the different roles of the Candidates with the relevant facts about the candidates through SCGJ Users.<sup>[3]</sup>

The need and significance of this module is required after the affiliation of the Training Partners and the assessment bodies, which is done manually on papers, this manual affiliation process is tedious will leads to the problem for the Training Partner and Assessment Body:

### For Assessment Body:

The application status is not cleared for the users. No common place to see past and upcoming batches. There is a lot of chaos and obscuring in during the procedure of assigning the assessors for the candidates that has been trained. Records are not maintained properly. Assessment body could not able to show interest regarding the evaluation for the candidates.

### For Training Partners:-

Users application status is not cleared. No common area to see the batches.

Delaying in procedure of the certifications. Records are not maintained properly.

## 1.1 Objectives

The Objective of this module is to bring clarity in workflow of SCGJ. This project provides a common platform to SCGJ where details of the Trainers and Assessors can be seen by them conveniently.<sup>[2]</sup>

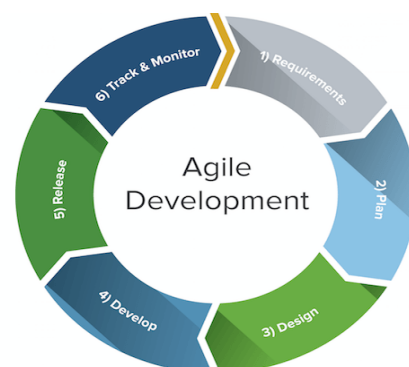
Objectives for creating this module are:-

- To bring Clarity in the system
- To make application status clear for private firms who wants to become trainers and assessors.
- To maintain records according to their needs.
- All relevant information at a particular place
- Avoid chaos and confusion during the process of assigning the assessors for the candidates
- To automate the tedious process of going through all the papers to give information to the government

## 2. Methodology/ Proposed work

### Agile Software development

Agile approach is used in this module. It is an approach that used during the implementation of software which means that there is continuous integration of the ongoing development, testing and bug fixing throughout the software development life cycle. We use this approach because it helps in the development of the software in iterative model and incremental way.<sup>[5]</sup>



**Figure 1:** Representation of how work flows in AGILE

We proposed two users named Training Partner & Assessment Body for the system, below workflow contains all the functionalities which would be performed by both the users.

In the assessment body portal, it consist of six tables. Each Table shows specific information of the particular assessor. It consists of the tables such as:

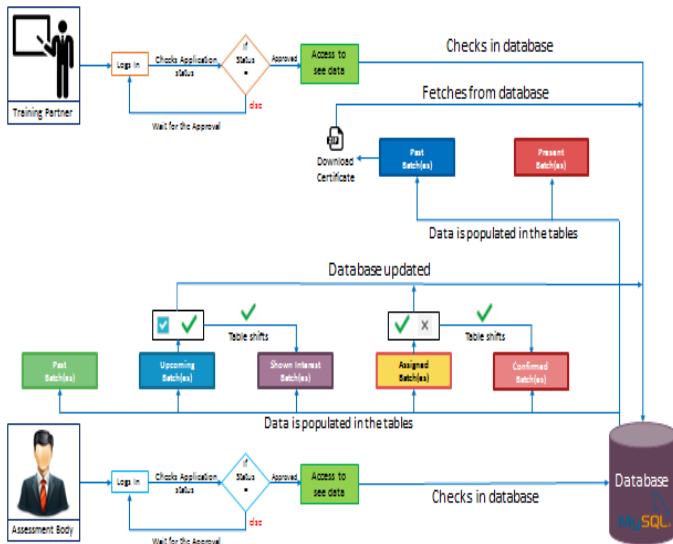


Figure 2: Workflow of Skill Development Portal for Training Partners and Assessment Bodies

The Figure 2 shows the process of the assigning of the Assessors for the assessment of the Trained Candidates.

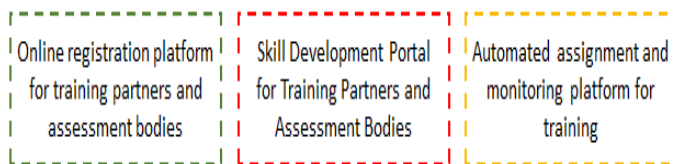


Figure 3: Forward linkage and Backward Linkages

Online registration platform for training partners and assessment bodies act as Forward Linkage of the project. Automated assignment and monitoring platform for training act as Backward Linkage of the Project.

Wireframes (Assessment Body & Training Partner Portal)

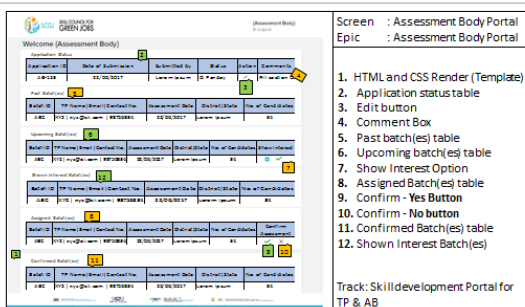


Figure 4: Wireframe of the Assessment Body

1. Application Status
2. Past Batches
3. Upcoming Batches
4. Shown Interest Batch(es)
5. Assigned Batch(es)
6. Confirmed Batch(es)

**Application Status Table** has an edit feature which allow an applicant to make changes in the application suggested by SCGJ users.

**Past Batches Table** shows all the batches that has been assessed by the assessors in the past. This table provides them to see all the information regarding any batch in the particular place.

**Upcoming Batch(es) Table** has Show Interest feature which help the assessor to show the interest for the assessment of the particular batch.

The assessment of the Batch to the user is based on the Recommended Algorithm which is based on the parameters such as:

- Same Qualification Pack
- Same Location
- Interest Shown
- Based on the assessment done in the past

**Shown Interest Batch(es) Table** shows the information to the assessor about the interest shown of the particular batches for the assessment that has to be done by the assessor for the upcoming batches.

**Assigned Batch(es) Table** has the feature of the confirmed Assessment which is done after approval of SCGJ User from the process of the Recommended Algorithm.

Under this process the assessor has to confirm about the batch for the assessment.

**Confirmed Batch(es) Table** has facts about the batches that assessor has confirm for assessment after the process done before in the assigned batches .

If the user confirm for the assessment of the batch in the table the table from the data will shift to this table.

Wireframes (Assessment Body & Training Partner Portal)

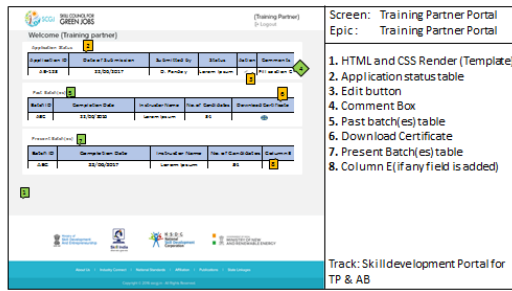


Figure 5: Wireframe of the Training Partner

In the Training Partner there consist of the three tables.

Each Table shows the specific facts of the particular Trainers.

Training Partner consists of the tables such as:

- Application Status Table
- Past Batch(es) Table
- Present Batch(es) Table

**Application Status Table** has edit feature which help the applicant to changes in the application suggested by SCGJ users.

**Past Batch(es) Table** has the feature of Download Certificates for the trained candidates . This table shows the information about the trainings that had been done by the training partner in the past.

**Present Batch(es) Table** shows the information to the training partner about the current batches that are undergoing through the training.

3. CONCLUSIONS

The conclusion of this is manual procedure of assigning the assessor for the candidates has been digitalized. Under this users have different features that also included in the digitalized process. There is no delaying in the process of the certification for trained candidates.

And moreover this digitalized process become transparent and unambiguous for SCGJ. This software could be implemented by other SSCs (Sector Skill Councils) in which first point of contact for the future advancement this software is SCGJ.

4. REFERENCES

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