

SDG-RAIT Summer Internship Program 2020 Project Proposal

Workshop and Expert Talk Management Tool of Student

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Type of Project- In-house Project.

Source of Project- Department of Computer Engineering.

Name of person who allocated the project- Dr. Leena Ragha.

1. Abstract

This is project will focus on developing a system for organizing, maintaining and tracking student activities related to workshops and expert talk. The system will also collect and analyze the data of faculty organizing or conducting workshop or expert talk for students. This will minimize the efforts involved in gathering the proofs and data related to these activities. Final report will be generated of these activities which can be used for all kind of Quality Assessment Process.

2. Background of project

Faculties conduct and organize many workshops or expert talks for students which has to be recorded in proper format for future reference. These records involve many official documents like permission letters, application letters from higher authorities, budget and expenditure document, student registration list, attendance sheet, feedback and feedback graph. To maintain all these documents manually by each faculty and workshop coordinator is very difficult. So, we have proposed an automated system to analyze the report and collect all the documents through online process.

3. Objectives

- To develop an automated system for scheduling workshops and expert talks for student.
- To collect and maintain student registration, attendance and feedback through online process.
- To collect and maintain data related to workshops and expert talks from faculty through online process.

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4. Proposed Work

The system will register both faculty and student. After registration faculty can create workshop and expert talk entry for the students which will be recorded by system and later reminders will be sent to students and faculties. After completion of workshop and expert talk, attendance and feedback of students will be recorded. All the important documents related to workshop and expert talk will be recorded online to reduce the work of submitting documents manually by each faculty. This will ease the work of both faculty and workshop coordinator. Final report will be generated which will be useful for Quality Assessment Process.

5. Proposed Design of Project (Architecture / Module/ Workflow Diagram)

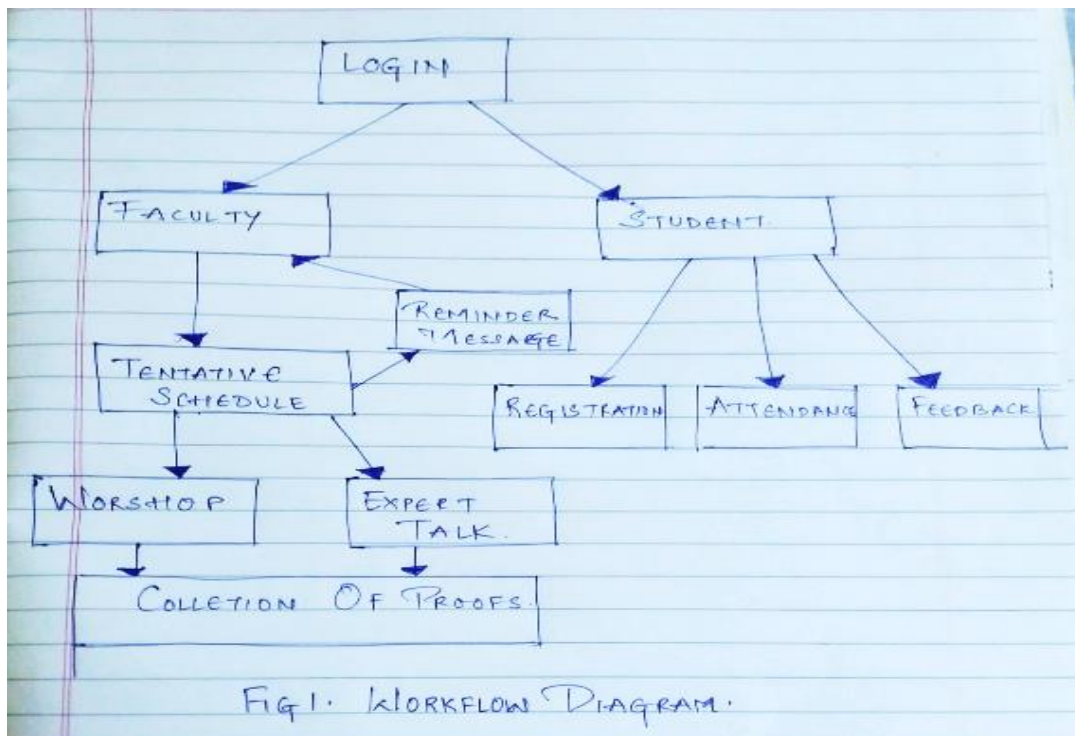


Fig. 1 Workflow diagram of the system.

Figure 1. describes Workflow of the system. Steps included will be as follows: -

Step 1: - Login (Faculty and Student)

Step 2: - Faculty will fill the details of workshop or expert talk from which tentative schedule will be generated.

Step 3: - Reminder message will be sent to faculty and student.

Step 4: - Schedule will be recorded as workshop or expert talk.

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Step 5: - For workshop: - Submission of documents like application letter, permission letter, budget sanctioned (for external resource person), workshop relevance document, GAP identification document, budget summary, photo collage and feedback graph through online process.

Step 6: - For expert talk: - Submission of documents like application letter, permission letter, GAP identification document, photo collage and feedback graph through online process.

Step 7: - From student end: - Documents like student registration list, attendance sheet and feedback will be collected online.

Step 8: - Final report will be generated at the end of every semester which will be useful for Quality Assessment Process.

6. Hardware/Software Requirements

Hardware Requirements: -

- Processor- Intel(R) Core.
- System Type- 64-bit Operating System.
- Memory- 4GB RAM.

Software Requirements: - PHP, MySQL.

7. Scope/ Benefits of System

- Ease of data analysis and collection.
- Automated report generation of all workshops and expert talks conducted.

8. Conclusion

The manual and physical work for collection of documents and information related to workshop or expert talk for students can be reduced great extent with minimization of human efforts. This system will also help the institution to maintain record and generate report for their stakeholders.

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Approved by – Inhouse Committee and Dr. Leena Ragha.