**THE SUPERIOR COLLEGE LAHORE**

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**Faculty of Computer Science & IT**

**FINAL YEAR PROJECT**

**PROJECT PROPOSAL & PLAN**

**Teacher Hiring Evaluation System**

Project ID: **Group no 22**

**Project Team**

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| --- | --- | --- | --- | --- |
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**Asadullah Tariq**

(Assistant Professor)

**Teacher Hiring Evaluation System**

**Change Record**

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| --- | --- | --- | --- | --- |
| **Author(s)** | **Version** | **Date** | **Notes** | **Supervisor’s Signature** |
|  | 1.0 |  | Original Draft |  |
|  |  |  | Changes Based on Feedback from Supervisor |  |
|  |  |  | Changes Based on Feedback From Faculty |  |
|  |  |  | Added Project Plan |  |
|  |  |  | Changes Based on Feedback from Supervisor |  |
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**Project Proposal**

**Project Title:** Teacher Hiring Evaluation System

# Executive Summary

This evaluation report will be checked by the “Admin”. He/she can view the overall evaluation chart and the grades a teacher obtained. We have developed an evaluation system of the teachers to provide evaluation in an easy and quick manner to the University. So we call it as Teacher Hiring Evaluation System which delivers via the student-admin interface as online system which acts as a Service Provider. By using this online system we can make it better and quick.

# Introduction

We have developed an evaluation system of the teacher to provide evaluation in an easy and quick manner to the University. So we call it as Teacher Hiring Evaluation System which delivers via the student-admin interface as online system which acts as a Service Provider. By using this technology we can make fast evaluation about the teachers by the students and inform on time to the Chairman of the Departments.

This project has two types of users: Student and Admin. The student can give evaluation in online system provided by the University. First, admin can prepare questions & add or update these questions to the online system. After that it will be viewed by the students and can evaluate about the teachers.

This feedback report will be checked by the Chairman. He/she can view overall evaluation chart and view the grades obtained by the teachers and provide this report to the faculty.

1. **Existing System / Competitive Analysis**

In the existing system the evaluation is done by manual process which is slow and not user-friendly but in our system students can give evaluation about the teachers by using our online system without wasting their time.

In the manual system after when the feedback is given by all the students, basic reports are generated which are difficult to evaluate. Hence the performances of faculties are not estimated accurately.

So, the existing system requires detailed reports and charts for better evaluation‚ for this reason our evaluation system is implemented.

This is the major limitation of the existing system for giving evaluation about the Faculties and viewing report of the Faculties.

1. **Problem Statement**

The main problem in existing system is reports generation and charts. The existing system does not generate accurate and detailed reports which make it difficult to evaluate faculty for hiring.

Charts also play crucial role and better understandings for evaluations.

Existing system also does not include faculty or students roles in the evaluation system and so they are unable to view reports and progress through their accounts.

## Proposed Solution

The solution will be addressed by adding detailed reports. The system will collect responses from students and evaluate the teachers and generated reports accurately along with charts.

There will be separate logins for each student and admin so they can login to submit responses and view reports.

1. **Scope of the Project**

The proposed system consists of two modules:

1. **Student :**

Student can give the feedback about the teachers on the scale of five. Students can give evaluation about the faculty based on interaction of faculty in the class room with students. According to that, students can give feedback as per the given grades.

1. **Admin:**

The feedback given by the students can be viewed by the staff and evaluate their performance in teaching and other aspects. These feedback reports will be checked by the Chairman’s. He can view overall evaluation charts and view the grades obtained to the teacher and give this report to the university authority and hiring of the faculty can be done.

These are the two modules present in the project so we have developed these things in very easy and clearly understandable way. So, by seen above description the system having many advantages as compared to the existing system.

1. **System Architectural Design**

Software design is an interactive process through which requirements are translated into a ‘Blue Print’ for constructing the software. The design is represented at high level of abstraction, a level that can be directly translated to specific data, functional and behavioral requirements. Preliminary design is concerned with the transformation of requirements into data and software architecture. Detailed design focuses on refinements to the architectural representation that lead to detailed data structure and algorithmic representation for software.

1. **Implementation Tools and Techniques**

* Language used: PHP
* HTML5-CSS3-BootStrap-JavaScript-Ajax
* Database used: My SQL
* Platform: Windows

1. **Project Plan**

**STUDENT MODULE**

The student will have the authorities on this as following:

1. View assigned courses for the current semester
2. View questions
3. Giving evaluation about the faculties

**View assigned courses:** In this module the students can view all assigned courses for current semester.

**View questions:** In this module students can view all questions in the database to give evaluation about the faculties.

**Giving evaluation about the faculties:** In this module student can give evaluation about the faculties according to questions given in the database

**ADMIN MODULE**

1. Add/View/Update/Delete Faculties
2. Add/View/Update/Delete Batches
3. Approve/Remove Students
4. Change Students Batch
5. Add/View/Update/Delete Course
6. Add/View/Update/Delete Semester
7. Add/View/Update/Delete Assigned courses to the faculties
8. Add/View/Update/Delete Assigned courses to the batch/students
9. Add Manual Assign courses to students
10. View Faculty Evaluation Report
11. View Faculty Evaluation Bar Chart Report
12. View Non Submitted student list of evaluation
    1. **Work Breakdown Structure**

[*A work breakdown structure (WBS) is deliverable based decomposition of project scope. The WBS includes 100% of the work defined by the project scope and captures all deliverables – internal, external, interim – in terms of the work to be completed, including project management. You have to give division of responsibilities and duties among team members*.]

**Sample WBS**

1. **Project Management** 
   1. Work Breakdown Structure (WBS)
   2. Roles & Responsibility Matrix
   3. Change Control System
2. **Reports / Documentation**
   1. Final Documentation Introduction
   2. Literature / Markey Survey
   3. Requirements Analysis
   4. System Design
   5. Implementation
   6. Testing & Performance Evaluation
   7. Conclusion & Outlook
   8. End User Documentation
   9. Application Administration Documentation
   10. System Administrator Documentation
3. **System**
   1. Development Environment
      1. IDE
      2. Version Control
      3. Server
      4. Database
   2. Presentation Layer
      1. Deliverable 1
      2. Deliverable 2
      3. . . .
   3. Business Logic Layer
      1. Deliverable 1
      2. Deliverable 2
      3. . . .
   4. Data Management Layer
      1. Deliverable 1
      2. Deliverable 2
      3. . . .
   5. Physical Layer
      1. Deliverable 1
      2. Deliverable 2
      3. . . .

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# Roles & Responsibility Matrix:

The purpose of roles & responsibility matrix is to identify who will do what.

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| **WBS #** | **WBS Deliverable** | **Activity #** | **Activity to Complete the Deliverable** | **Duration**  **(# of Days)** | **Responsible Team Member(s) & Role(s)** |
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* 1. **Gantt Chart**

[*Gantt Chart consisting of Timeline with milestone. Specific items to include in this section are as follows:*

* *Timeline with milestones:* ***Gantt chart in Microsoft project 2013.*** *The following are required elements of your Gantt chart:*
* *Project duration is from the date your project is enrolled to the completion date:*
* *Each milestone is to be labeled with a title.*
* *Schedule all tasks not just “Design” or “Testing.” Break this schedule down to specific assignments.*
* *Each task is to be labeled with a title and person or persons assigned to the task.*
* *Subdivide larger items so that no task is longer than about one week*
* *Link tasks which are dependent on the completion of a previous task.*]

**References**

Project Assigned by the Course Instructor Sir Zaman Aziz.

**List of Faculty Proposed Changes**

**Project Title**

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| --- | --- | --- |
| **Proposed Change** | **Proposed By** | **Supervisor’s Decision** |
|  | Name of Faculty Member(s) who proposed this change | Approved/Disapproved and/or Comments |
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**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**APPROVAL**

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| **Project Supervisor** | |
| Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
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| **Project Manager** | |
| Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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