

Improving The Registration Scheme by Using Java and Web Techniques to Form a Fully Automatic System

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University of Stirling

Outline

- Project Introduction
- Technology Used
- Motivation & Objectives
- Requirements
- Project Design
- Further Work
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Project Introduction

- The Project Parts:
 - Lecturer App
 - Administration App

Technology Used

- JavaFX Library
- Web Technology (JSP,HTML,CSS)
- Database (MySQL)

Motivation & Objectives

- Transparent system.
- Friendly system for **Time factor**.
- Reducing cost of leaflets used for attendance session.
- Reduce a number of unnecessary stuff that work to analyse data manually in order to get a **statistics report** or **monthly** finance list of students.

Requirements

- Designing a web page that will be used only by **Lecturer** during lectures, tutorials and labs sessions.
- Create a central database for saving data.
- Creating The management system for **Administration Office**.

Cont...

Project Design & Implementation

"Lecturer Web App"

- Created by JSP
- Notes for User
- Date Picker
- Dynamic Table
- Populate data form MySQL

Module: ITNP33
 Username: ITNP1A
 Password: ITNP2B
 ITNP33
 ITNP3A
 ITNP3B
 ITNP90
 Login

No.	Full Name	Student ID	Status	Comment
0	April Addison	2367899	<input checked="" type="checkbox"/> Tick if he/she is Absent	
1	Belinda Ashwin	2526677	<input type="checkbox"/> Tick if he/she is Absent	
2	Sarwar Mustafa	2684994	<input type="checkbox"/> Tick if he/she is Absent	
3	Smith James	6377488	<input type="checkbox"/> Tick if he/she is Absent	

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Cont...

Project Design & Implementation

Administration System: Status

UNIVERSITY OF STIRLING

Attendance System

Hi User Logout

Change Add New Display Report Help

Status

Change Student Status

Student ID: enter Student ID

Module: ITNP2B

Date: 2013/07/31

Absent Present

Ok Reset

Cont...

Project Design & Implementation

Add New Student Scene

Add New Module Scene

Cont...

Project Design & Implementation

First Name	Last Name	ID	Modu...
Donnelly	Sheehan	2573446	ITNP33
Blake	Bolsson	8076756	ITNP33
Allesia	Barklay	9082358	ITNP33

Cont...

Project Design & Implementation

The image displays two screenshots of the University of Stirling Attendance System interface.

Left Screenshot: Create Report

The interface shows the 'Create Report' form. The 'Monthly' radio button is unselected, and the 'Annual' radio button is selected. The 'Level' dropdown is set to '2ndyear'. The 'From' date is '2013/07/03' and the 'To' date is 'Pick Date'. A calendar for July 2013 is displayed, with the 31st highlighted. A 'Display' button is visible below the calendar.

Right Screenshot: Annual Report

The interface shows the 'Annual Report' page. The text reads: 'This Chart shows the presentage of Students were absent between to ect..'. A pie chart displays the distribution of student absences by year level. The legend below the chart is as follows:

Year Level	Color
1st Year	Yellow
2nd Year	Green
3rd Yeay	Light Blue
Honour	Dark Blue
Post Graduate	Dark Purple

Further Work

- Scene to display students:
 - First alert (10%)
 - Second alert(12%)
 - Last alert(15%)
- send e-mail to students those got alert.
- Designing App for Accounting (Finance) Department.

Questions

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