**VALLEY VIEW UNIVERSITY**

**DEPARTMENT OF COMPUTER SCIENCE**

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE BACHELOR OF SCIENCE (BSC.) IN INFORMATION TECHNOLOGY**

**TOPIC: A STUDENT INTERNSHIP PORTAL FOR VALLEY VIEW UNIVERSITY**

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**Abstract**

Internship it is an opportunity that employers offer to students interested in gaining work experience in particular industries.

The knowledge acquired during internships creates working opportunities for students after completing their university education, internships give students a partial feel of what cooperate life entails and sheds light on the usefulness of the various subjects studied in the university. The internship portal will transform the manual process of cataloging and retrieving internship manuals. The proposed system will effectively synchronize knowledge students acquire in their respective work places with school’s internship appraisal and skills acquired database.

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**CHAPTER ONE**

**1.0 INTRODUCTION**

Offering an internship in a university could be described as a rite of passage in the life of every university student pursing a degree program. Internships give students a practical perspective on the various subjects treated in the university. Internships do not only exist to benefit the students but also the organization in which the student served, most organizations tend to recruit students who offered internships in their respective organizations which as a results of students acquiring firsthand knowledge in the organizations core activities.

Internship manuals are documents students hand out to organization during internships, the manual gives an account of the student’s overall performance which when communicated properly to the school will help the school device and structure new policies and subject courses to helps students overcome lapses student had during internships.

The internship manuals are mostly never presented to the organizations since some students stay at home and submit manuals to relatives who assess the students thereby depriving the student of the practical knowledge he could have acquired in his field of study. Secondly, information collated during internships will be relevant in structuring courses relevant to student’s profession. The manual system of filling internship manuals is mostly tedious and this discourages some supervisors form properly evaluating the students’ performance.

Thirdly students do not strive to acquire any new knowledge since they tend to fill forms on their own thereby fabricating skillsets which are only visible in student’s manuals.

## 1.1 Subject and Field of Study

The subject of study of this project is to develop an internship management system for Valley View University. The field of study is in Information Technology, and database management.

**1.2 Study Objectives**

# SUBJECT OBJECTIVES

The subject objectives have been placed in two categories. General Objectives and Specific Objectives.

**1.2.1 GENERAL OBJECTIVE**

The general objective of this paper is to develop a system that will help manage how students of Valley View University apply and participate in the internship program in companies.

**1.2.2 SPECIFIC OBJECTIVES**

* To allow student apply for internship online.
* To allow student upload task completed daily to be approved by their supervisor in the company at the end of the week.
* To have supervisors in the selected internship companies to approve to task completed by interns(students) online.
* To provide detailed information to faculty members to keep track of all internships that are being done or applied for.

## 1.3 Background of Study

For a number of years, the role of internships has been a subject of discussion when reviewing the Education and Examination Regulations. The introduction of the term ‘academic internship’ and the idea of making the grading of all internships compulsory has led to opposition from various organizations within many Universities.

The system of internships is valued by students as an opportunity to spend some time outside the university and experience a different environment, to learn to live in another culture and to gain work experience. Students are able to gain experience that can prove invaluable and MSc programmes view internships as an important factor in the development of students. Several groups have expressed concern that the diversity of the internships will not be taken into account sufficiently, that the interests of the internship providers will be reduced, that valuable opportunities for internships will disappear, and that internships will be restricted to university (laboratory) projects.

In a skills-oriented MSc programme, an internship is considered a unique opportunity to strengthen professional skills and, particularly, the attitude of the students. In that respect, the internship is a valuable complement to course subjects in programmes.

## 1.4 Justification of the Study

One of the recurring themes in any entry level job search is the lack of experience factor. "Where do I get experience if no one is willing to hire me?" The answer is simple: Get an internship!

Students planning to enter the permanent work force should complement their academic preparation with a range of other experiences, such as study abroad, community service, undergraduate research experiences, participation in sports and other student organizations, membership in pre-professional organizations, and internships.

An internship offers you the chance to learn by doing in a setting where you are supervised by a work-place professional, and have the opportunity to achieve your own learning goals, without the responsibilities of being a permanent employee.

An internship also offers you the opportunity to work with someone who can become a mentor for you - not only in the internship, but throughout your career.

## 1.5 Methodology

The proposed work is based on a university internship system to manage how student apply and undergo their internship in companies. The system will give access to faculty members to manage and supervise students undergoing internship remotely.

# **1.6 Expected Results and Possible Use of the Study**

At the end of this paper, the following is expected:

* Applying for internship online.
* Easy management and supervision of student undergoing internship.

**CHAPTER TWO**

**2.0 Literature Review**

An internship is an on-site work experience directly related to career goal of interest or specialty.

It can also be described as a being supervised and laying emphases on learning and professional development.

An internship is not about doing assigned tasks in a workplace, an internship is about learning and growing in a professional manner (Bill Morgan). Internship management is an online system that facilitates progressive training and practical analysis of academic work. It was developed in order to broaden the aspect of compile information from students, industrial training coordinators and lecturers. The information is captured and stored in a database to enable access by multiple users through the internet (Marainis Jamaludin et al). Student Evaluations are an integral part of any internship and are a required component of the internship program. Evaluations are relevant so students know if they are following the learning agreement as well as help identify any areas for further development (Bill Morgan). For supervisor’s evaluations are helpful in evaluating the internship as well as identify areas where there could be improvement or modification. The system will provide quick, efficient access of student information updating capabilities (Marainis Jamaludi). Most supervisors don’t offer a choice in how they structure supervision and if they try, its one choice over the other.

**2.1 Systems Review**

**Baylor Business Internship Program (Hankamer School of Business)**

This is an internship system for Baylor School of Business called Internship Program, as a student, you will have the opportunity to tackle real-world problems while earning credits towards your degree. You will receive parallel course work over the internship period encouraging you to reflect on your experience.

**Features**

* Student Application
* Evaluation of the intern's performance
* Open to outside employers

**University of Florida Internship Program**

This is an internship system for the University of Florida. The internship program is for student to enroll in IT- related programs.

**Features**

* Student Application
* Evaluation of the intern's performance

**University of Colorado Denver Experiential Learning System**

This is an internship system for the University of Colorado. The internship program is for student for faculty and employers to exchange ideas, research, and expertise.

**Features**

* Contributes to student retention.
* Student Application
* Creates opportunities for faculty and employers to exchange ideas, research, and expertise.
* Increases community engagement opportunities for faculty and university.

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**Supervisor Assist**

Supervision Assist provides a comprehensive solution for managing the challenges universities, supervisors and students face in a mental health practicum and internship training program.

**Features**

* Student Application
* Log Activities
* Create Reports
* Live online video supervision sessions
* Digital records

**Metric on features of exiting System**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Baylor Internship Program | Florida Internship Program | Experiential Learning System | Supervisor Assist | VVU Internship System |
| Online Application | YES | YES | YES | YES | YES |
| Log activities | NO | NO | YES | YES | YES |
| Create Reports | YES | YES | YES | YES | YES |
| Digital records | NO | NO | YES | YES | YES |
| Evaluation | NO | NO | NO | YES | YES |

**CHAPTER 3**

# **3.0 CRYSTALLISATION OF THE PROBLEM**

This section focuses primarily on the crystallization of the problem, providing the metrics derived from the literature review done in chapter 2 above. The salient points are derived from the parameters and further discussed. Also, the need for this system would be underlined, as well as the challenges in the currently existing systems.

**3.1 BACKGROUND/HISTORY OF CURRENT SYSTEM**

Using Valley View University as our case study, students first go for an introduction letter from their department which they send to companies of their choice for acceptance. When they are accepted by a company to begin their internship, they go back to their department for an internship manual, which they submit to their assigned supervisor in the company to fill up with task done by the student.

During the internship period, a faculty member from the department is sent to the company to check up on how the student is doing.

The student has to submit the internship manual after the internship, to the department signed by the student’s assigned supervisor at the companied he or she interned.

**3.2 Current System’s Context Diagram**

**LEVEL 0**

gets information on student’s internship

gets internship manual

Department secretary

Student

gets filled internship manual

**LEVEL 1**



**References**

(Marhainis jamaludin,Wan Zakiyatussariroh Wan Husin,PM Dr Jusoh Yacob, Ahmad Fikir Wafiuddin.)

(<http://www.growinginterns.com/group-vs-individual-supervision/>)

(Bill Morgan <http://careernetwork.msu.edu/services-locations/myspartancareer.html>)