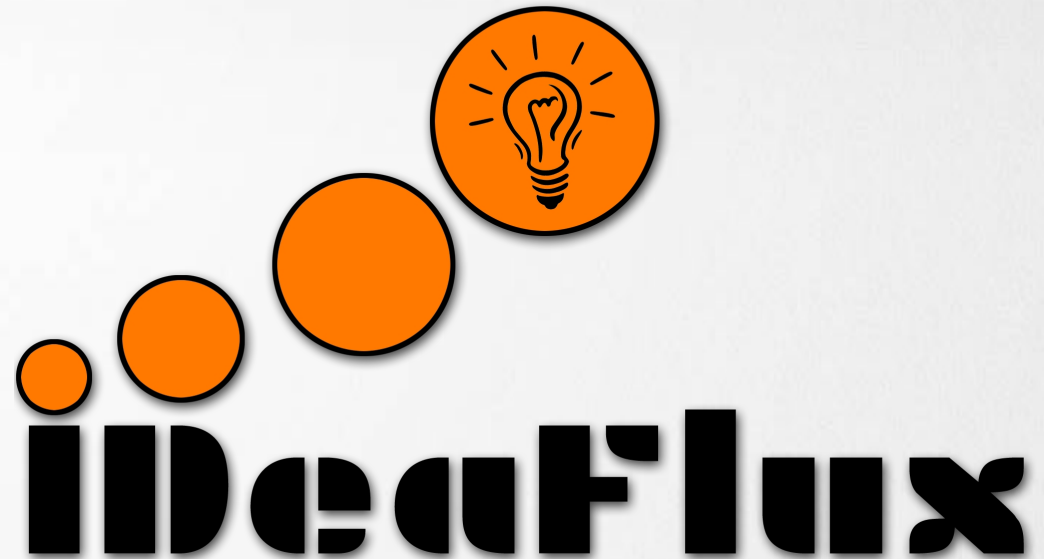


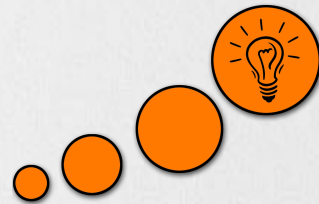
Student Employability Development & Recruitment System with Career Guidance



The Project Proposal

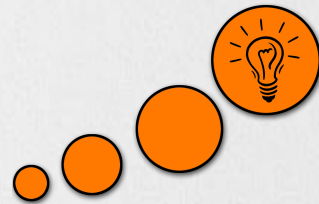
Client : Career Guidance Unit,
Faculty of Applied Sciences, Rajarata
University of Sri Lanka.

Team Name : IDeaFlux



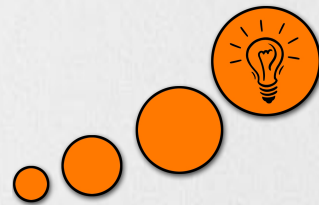
Group Members

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J.A.K.M.Jayasinghe	2284	ICT/08/09/012
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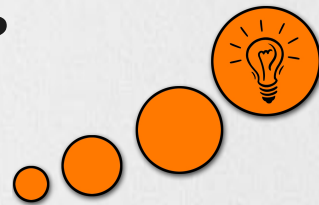
Introduction

- Ultimate goal of Career Guidance Unit (CGU).
- For a faculty that intends to output graduates with practical knowledge, should definitely have a functional and well organized Career Guidance Unit.
- Currently the career guidance unit of the faculty of Applied Sciences is practicing a manual process to select best and most suitable undergraduates to industrial training and jobs.
- Our idea is to propose a project that supports undergraduate industrial training allocation process by introducing a system with a series of logic.



Literature review and Motivation

- There should be a proper mechanism to interact with the industry
- There should be a better student selection process which helps to select the best suit according to industrial requirement as well as student preferences
- There is a massive communication gap between the industry and students as they are considered rural and, far away from the metropolitan area.
- CGU can work as a portal that interconnects students and industry together.
- Can the students perform well in the challenging industry?



Literature review and Motivation contd..

"Communication with the students and the industry is one of the major issues persist in the CGU. And the student selection process for Industrial training should not only based on academic performances but also it should consider extracurricular activities."

Dr. Harshani O Wijewardana

(Coordinator, Career Guidance Unit, Faculty of Applied Sciences)

"Today's IT industry is a very challenging place. Different companies may expect different experiences from you. We have lot of issues in the current industrial placement selection process."

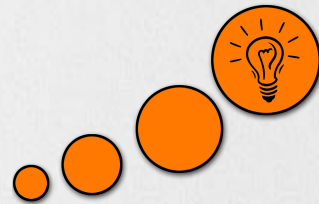
Mr. Pradeep Gunawardhana

(Software Engineer IFS, ICT Alumni)



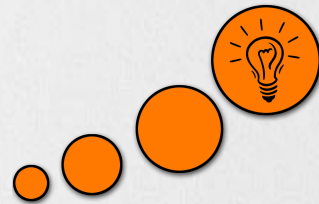
Literature review and Motivation contd..

- This problem strongly persist in our degree program (ICT).
- problem domain is very much familiar to us and known it in advance, it is easy to identify the requirements clearly and make it easy to design.
- Client is a part of the faculty, therefore most of the communication and requirement gathering issues are solved.



Major Issues with the current Process

- Student selection process
- Communication methods
- Academic and extra activity performance evaluation
- Student's preferences



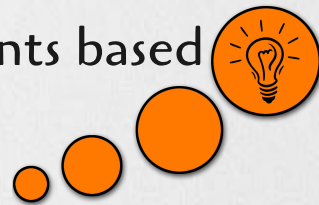
Aims and Objectives

Business objectives

- Improve productivity, efficiency and effectiveness of CGU.
- Maintain a virtual bridge between CGU & Industry.
- Enhance students' skills towards industrial requirement.

Learning objectives

- Confirm and study one main web programming language which supports Object Oriented Programming concepts and collaboratively work with a DBMS Database Management System.
- Design and develop a system that provide a effective and efficient student selection process, better communication method and a portal for effective employability enhancement process.
- Evaluation of the usability of the proposed system to overcome above problems.
- Identify the required changes, fine tune them and make the best solution available to address the situation.
- Prepare final documentation with the support for further enhancements based on the additional requirements.



Proposed System

