Industrial Project Proposal
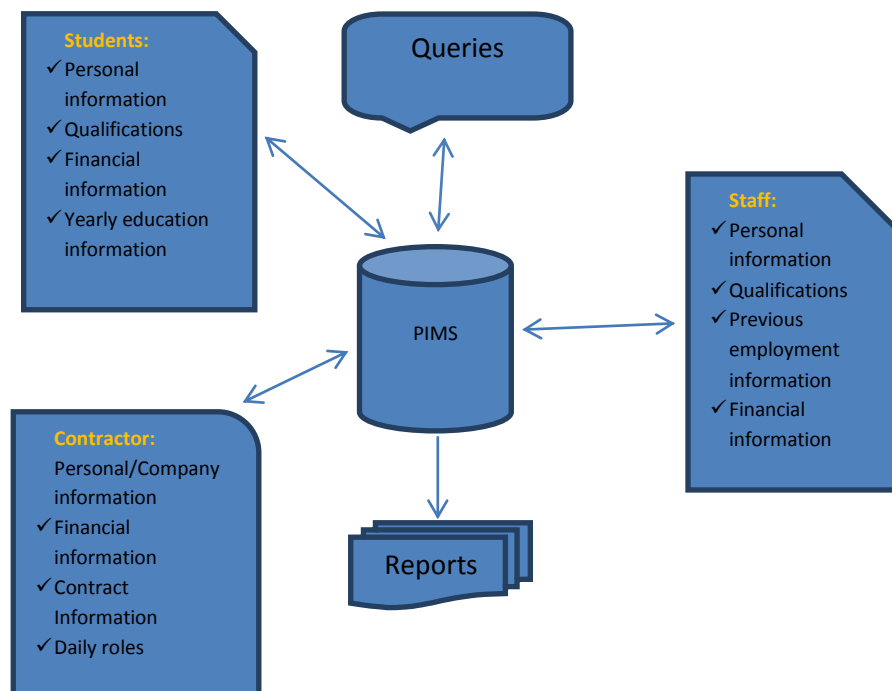
Creation Date	04/05/2020
Submission deadline	Draft: 15th May 2020
Course	Software Development Methods
Lecturer	
Student	Your name
Academic Supervisor	Dr. Idris S Ibrahim Email: isi4@hw.ac.uk
Industry Supervisor	

Other Support Personnel (optional)		Function	
		Function	
		Function	
		Function	
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Name of Industrial Project: Personnel Information Management System (PIMS)

Aims of the project: Personnel Information Management System (PIMS) is concerned with how people organize and maintain personal information collections, and methods that can help people in doing so. People may manage information in a variety of settings, for a variety of reasons, and with a variety of types of information.

The aim of this project is to deal with personal information (entry, processing and retrieving) of three type of people in the education sector such as a university (students, staff and contractors).

Project Description: Personnel Information Management System (PIMS) is a Computer based system for maintenance of the service registers of students, staff and contractors in an education sector or organisation (e.g. college, university or training provider). The details pertaining to personnel, qualifications, training attended, family details etc. are stored in this system. Retrieval of information is possible based on any individuals or on collective information grouped by certain categories namely designation, retirement, length of service, place of working etc.

Students:
- ✓ Personal information
- ✓ Qualifications
- ✓ Financial information
- ✓ Yearly education information

Queries

Staff:
- ✓ Personal information
- ✓ Qualifications
- ✓ Previous employment information
- ✓ Financial information

PIMS

Contractor:
- Personal/Company information
- ✓ Financial information
- ✓ Contract Information
- ✓ Daily roles

Reports

Prior Skills Required:
- Software development cycle
- Database tables design

Resources Required: "standard"

Possible Risks and support required for this project:

Possible Risks:
- The project requirements change frequently, or unclear requirements and information are provided.
- Breach of the data protection act due to an insecure system.
- Loss of data due to insufficient backup system.

Support Required:
- Information and guidance from the people who are working with the current system.

References: (Supporting publications and URLs for this project.)
https://www.academia.edu/2699012/UNDERSTANDING_PIMS_PERSONAL_INFORMATION_MANAGEMENT_SYSTEM

https://en.wikipedia.org/wiki/Personal_information_management

http://www.tn.nic.in/tnhome/projectfiles/pinfosys.pdf

Work plan: (Please use a table to indicate your work plan, including planned holidays.)

Week	Plan
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	

Note: The aim of this form is to allow a structured communication between the apprentices, employers and the university to co-create and co-specify Industrial Projects that are an important cornerstone of work-based learning. This Industrial Project is ideally placed to support a personalised and industrial contextualised work-based experience that is co-supported by both academic and industrial supervisors.

In ideal situations, the apprentices and employers will specify an industrial project (with the help of a designated academic supervisor) that is within the scope of an academic learning framework. The content of the Industrial Project will achieve the underlying learning objectives of a specific course. The academic supervisor will help the student to accomplish the industrial project under a supervision mode. This means (individual) supervision may be carried out via face to face or remote meetings as appropriate. Where standard projects are taken, group supervisory meetings may be offered. Standard projects are simulated industrial projects that are offered to apprentices who prefer them.

This form is necessary and accessed, for forming the Industrial Project. It is essential for all parties involved to understand what support will be required for the apprentices to accomplish their projects successfully. It is therefore important that this form is well-thought-out and completed as early as possible and at the latest finalised by **15th of May 2020** prior to the start of the semester where the project will start. **Please submit this form to your academic supervisor for comments and for the archive ASAP, or at the appropriate time points specified above.**