**ONTARIO GRADUATE CERTIFICATE**

**Humber College**

Toronto, Ontario

A close up of a sign

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A formal lab report on

ABC College Payroll

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A report submitted in partial fulfillment of the requirements for

WDDM 115 Tools and Workflow for the Web

Supervised by: Prof. Kadeem Best

Web Design and Development

School of Media and Creative Arts, North Humber

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#### ABSTRACT

The design completed entitled **“ABC college Payroll”** is the simple web application to calculate the monthly payroll of staff working in this college.

ABCC staff is divided into two (2) major groups, that is, regular staff and faculty.

Regular staff are paid a fixed gross salary each month, however their salary is prorated in the event the employee does not clock 160 hours for the month. Whereas, Faculty salaries are generated by the number of hours worked multiplied by their rate of pay plus a teaching allowance. Faculty rate of pay and teaching allowances are influenced by their level of qualifications.

All employees must incur a CIT (Canadian Income tax), that is, 25% of their gross salary and a health surcharge fee on their income. However, all employees are entitled to a Personal Canadian Income Tax Free Allowance of 2500.00 per month. This means that you do not pay income tax on your first 2500.00 of income, thus, you pay no income tax at all if you earn less than this amount.

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#### ACKNOWLEDGEMENTS

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Finally, Author would like to thank all family members for their continuous support and motivation.

#### WEB APP OVERVIEW

The web was developed to transfer manual, tedious and faulty monthly payroll into computerized, easy and error free monthly payroll.

Here the accountant is asked to enter some employee information like name, employee number, department, hours’ of work then choose employee code from dropdown: Faculty or Regular worker.

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If faculty was chosen, accountant is asked to enter qualification code where available options are : M (for masters) and B (for bachelors).

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After qualification code is entered and display monthly payroll button should be pressed to see the result. The result is displayed based on qualification code

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A screenshot of a social media post

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If employee code was chosen as regular worker, accountant is asked to enter the fixed salary

[NOTE: the background color is changed according to employee type so that accountant does not get confused with qualification code and fixed salary]

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After fixed salary is entered display monthly salary button should be pressed to see the final result.

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If qualification code is entered other than ‘M’ or ‘B’ then error window is prompted

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Also if work hours is entered -ve then error message is prompted.

A screenshot of a social media post

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#### FUNCTIONALITY

Here the Javascript file has been written to make the functionality of