Abstract of project presented to the School of Technology Management in fulfillment of the requirements for the degree of Bachelor in Computer Science.

**Web Based Payroll System**

By

**Siew Wing Fei**

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As for the abstract, it usually encompasses four (4) elements:  
  
1. Statement of problem of the research or project - issues addressed  
2. method used for implementation  
3. results and finding  
4. conclusion

Web based applications have evolved significantly over recent years and with improvements in security and technology there are plenty of good opportunities to develop a system as web based application.

This dissertation has covered a full report on the Web Based Payroll System developed as a prototype to solve the manual payroll system.

The Web Based Payroll System has the ability to update and maintain employee details, define deductions, tax, pay rates, overtime pay rates, generate payslip, generate charts, etc by using Ruby on Rails web framework, jQuery, jQuery UI, and Highcharts JS.

The Web Based Payroll System uses AJAX technology to exchange data with a server, and update parts of a web page without reloading the whole page, which makes the application similar to a desktop application.

# Acknowledgment

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Finally, I would like to thanks any person which contributes to my final year project directly or indirectly. I would like to acknowledge their comments and suggestions, which was crucial for the successful completion of this study.

# Declaration

I declare this project work in my original work except for the quotations and citation which has been accordingly acknowledged. I also declare this project work has not been previously, and is not currently, submitted for any other degree at Binary University College.

(Signature)

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**SIEW WING FEI**

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