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 applications 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**

# List of Figures

[Figure 1: Web Accessibility components relation 4](#_Toc265504844)

[Figure 2: Use Case Diagram 23](#_Toc265504845)

[Figure 3: Requirement Diagram 27](#_Toc265504846)

[Figure 4: Generic overview of Facebook Aggregator 35](#_Toc265504847)

[Figure 5: Level 0 Data Flow Diagram 35](#_Toc265504848)

[Figure 6: Level 1 Data Flow Diagram 36](#_Toc265504849)

[Figure 7: All-in-one Architecture 39](#_Toc265504850)

[Figure 8: Flat Architecture Model 39](#_Toc265504851)

[Figure 9: Hub-and-spoke (or daisy) pattern 40](#_Toc265504852)

[Figure 10: Facebook Aggregator horizontal top bar 41](#_Toc265504853)

[Figure 11: Facebook Aggregator paging interface 41](#_Toc265504854)

[Figure 12: Wall post FBML tag 45](#_Toc265504855)

[Figure 13: Facebook Aggregator unit folder 49](#_Toc265504856)

[Figure 14: Black Box testing 50](#_Toc265504857)

[Figure 15: Request Application Specific Help from Facebook form 54](#_Toc265504858)

# List of Tables

[Table 1: Actors Grid 23](#_Toc265504859)

[Table 2: Use Cases Grid 24](#_Toc265504860)

[Table 3: Use Case Diagram Summary 24](#_Toc265504861)

[Table 4: Operating Environment 27](#_Toc265504862)

[Table 5: Roadmap changes of Facebook APIs 30](#_Toc265504863)

[Table 6: Five levels of testing 49](#_Toc265504864)

[Table 7: Test Case Planning Format 51](#_Toc265504865)

[Table 8: Test cases for Facebook Aggregator 51](#_Toc265504866)

**TABLE OF CONTENTS**