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UNIVERSITI  
TEKNOLOGI  
MARA

**BACHELOR OF BUSINESS ADMINISTRATION (HONS) FINANCE**  
**FACULTY OF BUSINESS AND MANAGEMENT UITM PERLIS**

## **INDUSTRIAL TRAINING REPORT: SWOT ANALYSIS**

**GAMUDA ENGINEERING SDN BHD**

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# Executive Summary

As part of my Bachelor of Business Administration (Finance) program at Universiti Teknologi MARA (UiTM), I undertook a 24-week internship at Gamuda Engineering Sdn Bhd, contributing to the Silicon Island Development in Penang. This experience provided insights into the company's strengths, weaknesses, opportunities, and threats. Gamuda Engineering operates in a diverse and challenging environment influenced by political, economic, social, technological, environmental, and legal factors. The company is known for delivering high quality projects, maintaining a diverse portfolio, and leveraging innovative technologies to strengthen its market position. These strengths enable Gamuda to capitalize on global infrastructure demand, technological advancements, market expansion in urban areas, and the increasing focus on eco-friendly solutions.

However, the company faces challenges such as project complexity affecting employee integration, communication, barriers across department and occasional bureaucratic inefficiency. Global operations bring complexities in navigating diverse laws and standard, while depended on government contract exposes it to economic risks and regulatory changes. managing financial risks, including cash flow and cost overruns, remains critical. opportunities for Gamuda Engineering include expanding domestically and internationally, leveraging technology for operational efficiency, exploring new markets and meeting demand for sustainable infrastructure. despite economic fluctuations, competitive pressures, political uncertainties and rapid technology changes, proactive strategies focused on innovation and growth can position Gamuda Engineering for continues success.

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## Training Reflection

My internship at Gamuda, particularly on the Silicon Island development project in Penang, has been a transformative experience, providing hands-on exposure to financial management within a large-scale infrastructure project. Throughout this internship, I actively contributed to various project facets, deepening my understanding of financial intricacies and fostering both professional and personal growth.

### 1. Project Financing and Funding

I played a crucial role in financial planning and securing funds for the Silicon Island project, involving the evaluation of different funding options through financial modelling. This experience provided a comprehensive grasp of project financing, including loan structuring, bond issuance, and leveraging public-private partnerships (PPPs). It underscored the importance of diversifying funding sources to mitigate financial risks.

### 2. Cost Management and Budgeting

I assisted in developing and monitoring project budgets, ensuring adherence to financial constraints by analysing cost data and identifying optimization opportunities. Effective cost management strategies, such as bulk purchasing and implementing cost-saving technologies, are critical for managing large-scale project finances.

### 3. Risk Management

I participated in risk assessment sessions, contributing to the formulation of strategies to mitigate financial and operational risks associated with the project. Identifying and mitigating risks, such as economic fluctuations and regulatory changes, was essential. I honed skills in risk analysis and contingency planning.

### 4. Utilization of S4HANA System

Utilizing the S4HANA system for financial tasks, including budgeting and data analysis, enhanced efficiency and accuracy in financial reporting. Proficiency in S4HANA underscored the value of advanced technology in optimizing financial processes and data management.



## Challenges Faced

### 1. Complex Financial Modelling

The challenge is developing intricate financial models for the expansive Silicon Island project initially posed challenges due to its scale. With guidance and additional training, I improved my modelling skills and gained confidence in handling complex financial data.

### 2. Navigating Regulatory Requirements

Understanding and adhering to regulatory mandates for a significant infrastructure project required meticulous attention. Collaborating closely with legal and regulatory teams enabled effective navigation of these requirements while optimizing financial strategies.

### 3. Balancing Multiple Responsibilities

Managing diverse responsibilities within a fast-paced project environment was demanding. Effective time management, prioritization, and organizational skills, supported by my team, facilitated efficient task handling.

## Growth and Development

This internship significantly enhanced my expertise in infrastructure finance, encompassing project financing, cost management, risk assessment, ESG integration, and advanced financial systems like S4HANA. Working on the Silicon Island project improved my problem-solving, adaptability, and communication skills, bolstering confidence in presenting financial analyses to senior management. Interaction with professionals across departments and external stakeholders expanded my professional network and provided insights from experienced industry peers. My internship at Gamuda, focusing on the Silicon Island development in Penang, has been a profound learning experience. The acquired knowledge and skills will undoubtedly shape my future career in finance. I appreciate the opportunity to contribute to such a significant project and the invaluable mentorship and support from my colleagues. This experience solidified my interest in infrastructure finance and motivates me to pursue excellence in this field.

