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TUNTIMA SANGTONG : DEVELOPMENT OF COMMUNITY - DISTILLED LIQUOR REVENUE ANALYSIS AND RISK ASSESMENT MODELLING FOR THE SEVENTH REGIONAL EXCISE DEPARTMENT. INDEPENDENT STUDY ADVISOR : SUNEE PRONGPINIGPINYO,ph.D. 82 pp.

The Development of Community-distilled Liquor Revenue Analysis and risk assessment modelling for The Seventh Regional Excise Department is focus on the promoting of the effectiveness of tax collection on local white sprit, including the revenue analysis and tax collection forecasting on distilled Liquor Revenue for various offices under the Seventh Regional Excise Department. In addition the information from this project, it can be used as a tool for decision making on revenue targeting for the management level. Another benefit from this project is that can be used as the auditing tools to capture the potential tax avoidance. The system is developed for Web Application by using PHP with Apache Web Server for making web page in the MySQL data base.

The System of tax payment and risk assessment for liquor on local sprit consists of 4 main parts. The first part is that data is managed to be stored in a database for distilled Liquor Revenue. The second part is that the system can be applied to use as random check tools by excise officers. The third part is that the system can be used for tax payment information. The finally part is that can be used as the risk assessment tools.

The benefit from this project is the officers in The Seventh Regional Excise Department can have the system that is used for revenue analysis and risk assessment for distilled Liquor Revenue which can be used more effectively and improve the officers performance. In addition the system, it also can calculate the potential tax avoidance. The 200 datas of control risks are also predicted by applying logistic regression model. The prediction results are analysed and suggest that the control risks of raw material account and material stock chicking should be audited.

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