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| Ms. Apinun J. / Ms. Tasanee P. (HRA) ⇒ Staff responsible  Deadline for submission on the 5th of the following every month.  Example Monthly report for Dec ⇒ 01 Dec – 31 Dec  ※If the submission deadline is a holiday,  the next working day shall be deadline. | **University** | Chiang Mai University |
| **Section** | QA planning |
| **Name** | Phanuwat Wongworrakulkit |

**Bachelor Degree Training Monthly Report**

**1. Monthly Report 🡪 May 2024 (Trainer of purpose)**

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| - QC process charts - Improve certificate systems |

**2. Achievement of training in this month (Please explain detail of training in this month by trainee)**

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| Details of training: experience, leaning work, activity, etc. |
| 1. **Inspect the production line each week to control quality(weekly routines).**   Each week the production line is inspected to control quality to meet the required standards by QA planning section. It will be inspected through the specified documents ,process charts and checked sheets etc. This month we have inspected 3 production lines.  1.1 Inspect the production line W1  1.2 Inspect the production line W3  1.3 Inspect the production line L  We encounter problems that vary from production to production line, such as  - Some required settings are incorrect according to the documentation, such as pressure - Not calibrating the machine before use(Calibrations have an expiration date. If it runs out, you have to do it again.)  - Some data were calculated incorrectly.  - Etc.(get more information from QA planning)  After inspecting that production line We will provide suggestions or measures to prevent the problem from occurring again. And a report is also made to follow up.   1. **Improvement Project certificates system. Backgrounds :**   At present, we can produce any air conditioner. We must have a certificates. This shows that we can produce according to the standards specified by that certificates. which in each region or country There will be different standards. If we want to produce air conditioners to export to sell in each region or country. We must also have a comprehensive certificates that is consistent with each other.  The number of countries or regions we export to is increasing. Moreover, on one certificates there are sub- certificates numbers. which covers many air conditioner models And there is a trend that is becoming more and more likely. which have different expiration dates.  Each certificates has many people involved in taking care of it. Some people take care of more than one certificates.  **Problems :**  With the amount of information on certificates and many involved persons This makes it difficult to notify (via email) to remind each person to prepare.  Now there is Excel, which helps partially solve the problem. But because it is Excel, some functions may not be available. For example, automatic notification via email. Data can be displayed only in tabular form. Data display is less flexible.  **Solutions :**  We will buildWeb-applications from Django frameworkfor displaying certificates information. There are functions for searching, filtering, adding, or deleting information. which users can easily**.** and can also make more complex systems such as Automatic notification system when the certificates has expired, etc.  It is highly flexible and can be adjusted according to the needs of users in various formats. Can be applied in many ways.    **Progress this month and near future**    **Overview of project : Home page**    **Views of data is extracted from Database**      **There is search-bar can find data easily**    **Only admin can upload data (Superusers)**    **Can change add or delete easily**    **After upload data that data can be display in web-application** |

**3. Trainer Comment**

**(Trainer writes comment 🡪 Section Manager 🡪 HRA Dept.)**

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