

Industrial Training Logbook

Why it is **necessary** keeping a log?

A logbook is a book where **information is recorded** for **review and tracking**. Logbooks are used in the workplace to **keep track** of **events, actions, and measurements** - and many other things. They can also be used for **external auditing**, so they have to be **specific** to each field and legislation.

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What to write in the logbook?

- **Logbook** is a systematic, purposeful, and meaningful collections of students' work throughout their training.
- **Contents** the logbook:
 1. **Daily objectives**
 - Tasks and problems will be assigned to you.
 - Specify objectives for specific task and problem.
 2. **Activities**
 - How do you achieve the objectives?
 - How you solve problem – be specific on the **method** you try, the **result** that produced or the type of **error** that occurred?

What to write in the logbook?...cont.

3. Achievements

- Reflections and justification.
 - What have you learned from the activities?
 - Why did you choose that method/technique/feature among the other?

Beside that logbook also can consist of **the operation, process, figure, table and pseudo-code.**

What to write in the Logbook?

1) Daily Objective, example as follows:

1. Develop module for log in
2. Create acceptance test script

What to write in the Logbook?

2) Should list all daily activities in detail, example as follows:

1. Learn the basics of Abc Business Modeler from Dr. Faizal (Organization Supervisor).
Content:
Business Model 1 and Business Model 2
2. Finalizing data from SKO Phase 1 and GST data.
3. Sit in meeting for GST Familiarization Program
4. Reorganize the process flow of the 'Status Update' function, with the feature to view and print the approval letter of the reservation application. In order to achieve the following feature:
 - Add a new button at ..
 - create a new PHP file for each actor.

What to write in the Logbook?

3) Achievements

Example of writing achievements

1. Master the outcome of the Ansys Business Direct Modeler.
Before running it, we need to determine the sensitivity of the simulation and pinpoint the acceptance calculating errors.
2. Learn the GTS Business Model which is based on cost recovery as GTS is based on consultant services for mostly E & P fields.
3. Understand the RTS Process Flow Path.

What to write in the Logbook?

In Week 1, should brief the background of the organization and information of organization's supervisor, example as follows:

1. Twinsytem Sdn Bhd is located at..
2. The main product of this company are..
3. It was established since.. Owner by
4. There are 20 staffs with various position
5. Organization supervisor details are as follows:

What to write in the Logbook?

In Week 2, should outline the job scope example as follows:

Job scope for industrial training discussed with supervisor:

1. Design database
2. Develop user interface for module A and B
3. Prepare test case

What to write in the Logbook?

What to write if the students have to repeat the previous work...

They need to clarify the difference between the previous work activity and the activity that is being done today.

Example – Create Login Function (duration 2 days)

Tuesday, 8 Jan 2019

Activity : write code for login function

Achievement - Finished generating userID for customer. Generating password for customer will be continued on Wednesday, 9 Jan 2019

Wednesday, 9 Jan 2019

Activity : Continue write code for login function.

Generating password for customer and testing the login function

Achievement - login function has been successfully coded with testing on the various part of.....

Good Example

Objective:

1. Standardize and restructurize the implemented mailing feature of the system.
2. Develop privilege for the actor (Developer) with the feature to register new account for the actor (Admin).
3. Develop input selection options on choosing the registered branches of the library.

Activity:

1. Make a minor modification to the sent message or email content regarding:
 - on preventing unwanted changes made automatically by the recipient's email.
 - on providing a detailed message with proper formatting and standards.
2. Modify and improvise the basic PHP files 'd_akaun.php' to 'd_daftaradmin.php', for the actor (Admin) account registration, regarding:
 - on sending a notification e-mail to the newly registered account.
 - on adding new fields for the registration, such as 'staff_Branch' and 'staff_ID'.
3. Trying to develop proper list of input selection options display regarding the branches of the library.
4. Perform several tests on the changes made in order to achieve the required results.

Achievement:

1. Much standardized mailing result without having any unwanted defects on the message contents.
2. Successfully developed the basic privilege for the actor (Developer) with the feature to register new account for the other actor (Admin).
3. Unsuccessfully developed dropdown list of the input selection options for the library's type of branch.

Good Example

Objective :

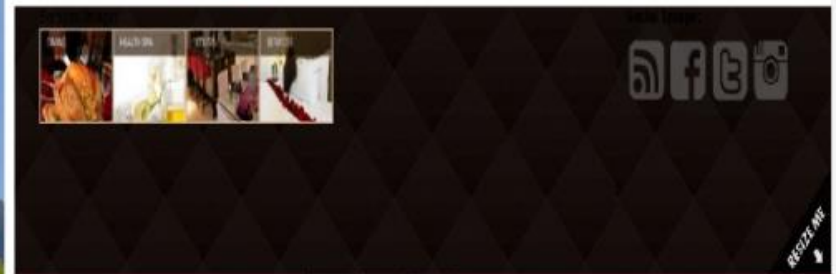
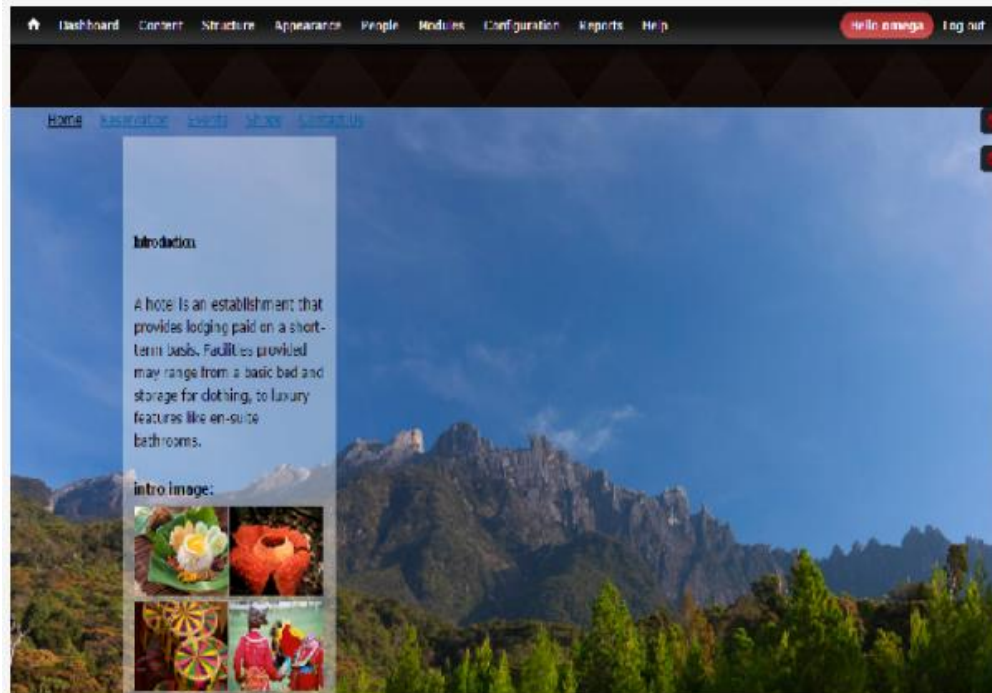
1. Enhance custom CSS for my Drupal website

activity :

My task today is to enhance the custom CSS of my Drupal website. I put my CSS script in global.css file. This CSS file will override Omega theme default CSS script. I create my CSS script for three part which are:

1. Main content
2. Hotel Services content type
3. Hotel Social content type

Following is the result for today :



Achievement :

1. Enhance CSS script for main content, footer, Hotel Social and Hotel Services content type.

Good Example

Log/Activity on 10-09-2015

Objective :

1. Create acceptance test script using Codeception for Sparrow Framework.

Activity :

My task today is to create acceptance test script using Codeception for Sparrow Framework. Today, I continued with third module which is Listing. Firstly, I need to generate test file for the module using following command :

- codecept generate:cept acceptance sparrowListing

Codecept will create new test file named sparrowListingCept.php. Open the file and write the test script for Listing module. Following is the test script for the module :

```
<?php

$I = new AcceptanceTester($scenario);

$I->wantTo('test sparrow listing');
$I->amOnPage('/main.php');

$I->fillField('#username', 'admin@sparrow');
$I->fillField('#password', '123456789');
$I->click('-login-standard');

$I->click('Sparrow Listing (mod, submod, op=list)');

//on the sparrow listing page
$I->fillfield('#search-example_sparrow-basic_text','key');
$I->fillfield('#search-example_sparrow-basic_integer','123');
$I->fillfield('#search-example_sparrow-basic_currency','');
$I->fillfield('#search-example_sparrow-basic_datetime','');
//$I->click('//*[@id="searchbox-example_sparrow"]/div[5]/div');
$I->click('//*[@id="search-example_sparrow-WORKFLOW"]/option[2]');
$I->click('search-example_sparrow-submit');
//$I->see('//*[@id="form-primary"]/div[2]/div[2]/div');
$I->see('Please Wait');
$I->see('key');
$I->see('123');
$I->see('flight');
```

Achievement :

1. Generate test file for Listing module
2. Write acceptance test script for sparrowListingCept.php