Project Documentation Web Programming (JSP)

By : Mike Christ Heru - 2001572080 - LA05

Overview

- There are 13 JSP pages in this project, equipped with:
  7 JSP controllers,
  1 JSP Connector,
  3 JSP Classes,
  and 13 External CSS Files.

- This project's name is SMART System. (I can't think another alternative name for this project =D)

- This is an original idea from me.

Background (General)

- In General, Administrative tasks need a lot of time and resources. Like the other paperworks, administrative tasks need precise and accuracy to create a valid result. But in some cases, human-error appears in certain moment.

- To reduce the human-error factors on administrative and financial tasks, there should be a good system that can provides both tasks in particular way.

- A good system which provide integration in both tasks and also provide detail information about it.

Background (Personal)

- Sometimes, I help my parents to work with their office things (Making invoices, checking inflow-outflow of cash, etc.)

- Those tasks always use paper and sometimes a lot.

- I think to create a simple web-based accounting program to calculate the inflow and outflow budget from the business, detailed per unit.

- Later, after this project, I will develop more features such as making invoice, payment history, etc. to integrate the program and also to help my parent finish their task faster..

List Of Pages

1. Home (index.jsp)
2. Truck List (truckList.jsp)
3. Insert New Truck (insertTruck.jsp)
4. Delete Truck (deleteTruck.jsp)
5. Update Truck (updateTruck.jsp)
6. Insert New Outflow (insertOutflow.jsp)
7. Insert New Inflow (insertInflow.jsp)
8. View Outflow (viewOutflow.jsp)
9. View Inflow (viewInflow.jsp)
10. Update Outflow (updateOutflow.jsp)
11. Update Inflow (updateInflow.jsp)
12. View Status (viewStatus.jsp)
13. View Detail (viewDetail.jsp)

1. Home (index.jsp)

- This page is left blank.

- Because, later I will put the statistic (financially) of the business.

- But, I don't have the data yet, so I left this page blank.

Home	Truck	Finance

Home (index.jsp)

2. Truck List (truckList.jsp)

- This page is to show the truck list (as my parent's business is the material transportation using dump truck).

- This page also show the 2 different location (Gresik and Tuban) which are the site location.

- In this page, truck detail identity such as image of the unit, truck detail (plate, year, brand, type), STNK detail, and driver's name.

- There are 2 parts in the truck detail : visible part, and the hidden part (will be visible when you hover your mouse to the visible part).

Gresik - Petro

W 8515 UP │ Nissan CWB │ 2007
STNK Number : 1234567890112233
STNK Year : 2017
STNK Expired : 26-06-2022
Driver Name : Bundu

Update

Tuban - KWSG

B 1234 TST
Nissan CWB
2007

Truck List (truckList.jsp) - B 1234 TST is showing the visible part

3. Insert New Truck (insertTruck.jsp)

- This page can be used to insert the new truck (unit) to the database.

- To access this, user should follow this path Truck - Manage Truck - Insert New Truck.

- User will be asked for the truck details (image of the unit, truck detail (plate, year, brand, type), STNK detail, and driver's name).

- There is also a validation page (val_insertTruck.jsp) to validate the form data.

Insert Form

Brand	:	Truck Brand
Type	:	Truck Type
Year	:	Truck Year
Plate	:	Truck Plate
STNK No.	:	STNK Number
STNK Year	:	STNK Year
STNK Expired Date	:	STNK Expired Date
Truck Location	:	Truck Location
Driver Name	:	Driver Name
Image	:	Choose File No file chosen

Submit   Cancel

Insert New Truck (insertTruck.jsp)

4. Delete Truck (deleteTruck.jsp)

- This page can be used to delete the existing truck (unit) from the database (in case the truck already sold or broken).

- To access this, user should follow this path Truck - Manage Truck - Delete Truck.

- User will be asked for the truck plate number first, then press the "Find" Button. After that, the truck details will be appeared.

- There are 2 buttons : Submit to delete the data; Cancel to back to the Truck List

Delete Form

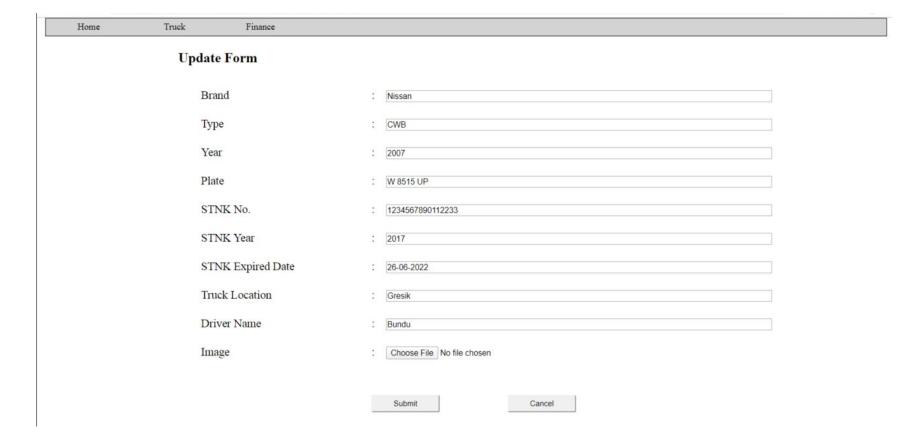|		
Plate	:	W 8515 UP
Brand	:	Nissan
Type	:	CWB
Year	:	2007
STNK No.	:	1234567890112233
STNK Year	:	2017
STNK Expired Date	:	26-06-2022
Truck Location	:	Gresik
Driver Name	:	Bundu

Image   :

Submit   Cancel

Delete Truck (deleteTruck.jsp)
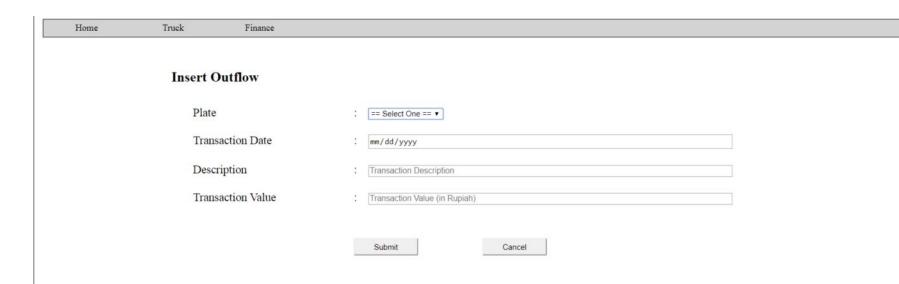
5. Update Truck (updateTruck.jsp)

- This page can be used to update the existing truck (unit) from the database (in case the truck update the new detail(s)).

- To access this, user should follow this path Truck - Truck List, and simply just hover the mouse to the truck detail, then the hidden part will show and you can easily press the "Update" button.

- User will be asked for the truck details (like the data when you want to insert new truck).

- There is also a validation page (val_updateTruck.jsp) to validate the form data.

Update Form

Brand	:	Nissan
Type	:	CWB
Year	:	2007
Plate	:	W 8515 UP
STNK No.	:	1234567890112233
STNK Year	:	2017
STNK Expired Date	:	26-06-2022
Truck Location	:	Gresik
Driver Name	:	Bundu
Image	:	Choose File No file chosen

Submit   Cancel

Update Truck (updateTruck.jsp)

6. Insert New Outflow (insertOutflow.jsp)

- This page is used to insert new outflow of a truck (unit) to the database (in case the truck need something to be repaired).

- To access this, user should follow this path Truck - Insert New Outflow.

- User will be asked to choose the truck's plate first, and then fill the transaction details (such as date, description, and value).

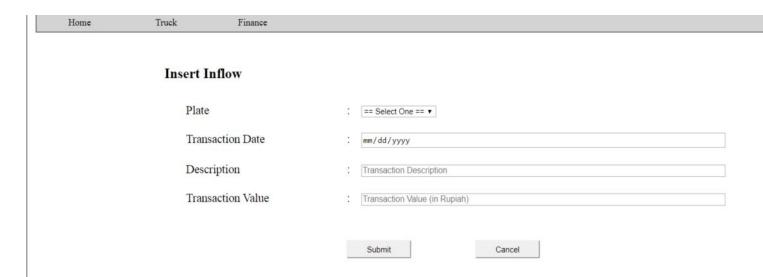- There is also a validation page (val_insertOutflow.jsp) to validate the form data.

Insert New Outflow (insertOutflow.jsp)

7. Insert New Inflow (insertInflow.jsp)

- This page is used to insert new Inflow of a truck (unit) to the database (in case the truck operates and get some revenue).

- To access this, user should follow this path Finance - Insert New Inflow.

- User will be asked to choose the truck's plate first, and then fill the transaction details (such as date, description, and value). The process exactly the same with the Insert New Outflow.

- There is also a validation page (val_insertInflow.jsp) to validate the form data.

Insert Inflow

Plate	:	== Select One == ▾
Transaction Date	:	mm/dd/yyyy
Description	:	Transaction Description
Transaction Value	:	Transaction Value (in Rupiah)

Submit   Cancel

Insert New Inflow (insertInflow.jsp)

8. View Outflow (viewOutflow.jsp)

- This page is used to view all the outflow recorded in the database

- To access this, user should follow this path Finance - Truck Status - View Outflow.

- User will get all the outflow list from the database, and user can also update the data in case user needs to revise the transaction details by just simply press the "Update" button.

View Outflow

No.	Plate	Transaction Date	Description	Value	Action
1	W 8515 UP	2020-02-23	Ban Truck 2 unit	4000000	Update
2	B 1234 TST	2020-05-04	Bumper Depan 1 unit	1050000	Update
3	W 8515 UP	2020-05-01	Kaca Spion Kiri 1 unit Merk ABC Kwalitet Super Produksi Surabaya UD Teguh	125000	Update

View Outflow (viewOutflow.jsp)

9. View Inflow (viewInflow.jsp)

- This page is used to view all the inflow recorded in the database

- To access this, user should follow this path Finance - Truck Status - View Inflow.

- User will get all the inflow list from the database, and user can also update the data in case user needs to revise the transaction details by just simply press the "Update" button.
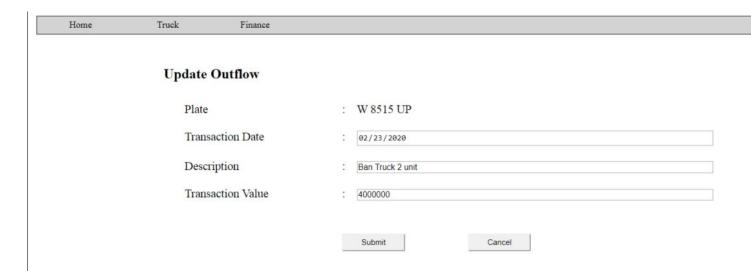
View Inflow

No.	Plate	Transaction Date	Description	Value	Action
1	W 8515 UP	2020-04-01	Jalan Rit CR 10 Rit	1350000	Update
2	B 1234 TST	2020-05-07	Jalan 12 Rit	1200000	Update
3	W 8515 UP	2020-01-01	Jalan Rit CR 40 Rit	4000000	Update

View Inflow (viewInflow.jsp)

10. Update Outflow (updateOutflow.jsp)

- This page is used to update the existing outflow of a truck (unit) in the database (in case the user input the wrong data).

- To access this, user should follow this path Finance - Truck Status - View Outflow then choose the transaction that want to be updated and press the "Update" button.

- User should fill the transaction details and then after user check the revised detail, simply just press the "Submit" button to update the transaction details.

- There is also a validation page (val_updateOutflow.jsp) to validate the form data.

Update Outflow

Plate	:	W 8515 UP
Transaction Date	:	02/23/2020
Description	:	Ban Truck 2 unit
Transaction Value	:	4000000

[Submit]   [Cancel]

Update Outflow (updateOutflow.jsp)

11. Update Inflow (updateInflow.jsp)

- This page is used to update the existing inflow of a truck (unit) in the database (in case the user input the wrong data).

- To access this, user should follow this path Finance - Truck Status - View Inflow then choose the transaction that want to be updated and press the "Update" button.

- User should fill the transaction details and then after user check the revised detail, simply just press the "Submit" button to update the transaction details.

- There is also a validation page (val_updateInflow.jsp) to validate the form data.

Update Inflow

Plate   :   W 8515 UP

Transaction Date   :   04/01/2020

Description   :   Jalan Rit CR 10 Rit

Transaction Value :   1350000

Submit   Cancel

Update Inflow (updateInflow.jsp)

12. View Status (viewStatus.jsp)

- This page is used to view all the inflow-outflow nominal of each truck (unit).

- To access this, user should follow this path Finance - Truck Status - View Status.

- The table will show the truck plate, inflow and outflow, and the status (profit/loss) and also "View Detail" button. If the unit still profitable to operate, then the value on the "Profit" column will be colored green, otherwise red.

- User can check the detail of inflow and/or outflow of certain truck by pressing "View Detail" on the "Action" column.

View Inflow

No.	Plate	Inflow	Outflow	Profit	Action
1	W 8515 UP	5350000	4125000	1225000	View Detail
2	B 1234 TST	1200000	1050000	150000	View Detail

View Status (viewStatus.jsp)

12. View Detail (viewDetail.jsp)

- This page is used to view the inflow-outflow detail(s) of a certain truck (unit).

- To access this, user should follow this path Finance - Truck Status - View Status and then press the "View Detail" button.

- There are two tables (one for View Inflow details and the other for View Outflow details).

- Below the "Total Outflow" nominal, "Total Profit/Loss" will be shown to show the user the profit/loss nominal of the unit.

View Inflow

No.	Plate	Transaction Date	Description	Value
1	W 8515 UP	2020-04-01	Jalan Rit CR 10 Rit	1350000
2	W 8515 UP	2020-01-01	Jalan Rit CR 40 Rit	4000000

Total Inflow = Rp 5350000

View Outflow

No.	Plate	Transaction Date	Description	Value
1	W 8515 UP	2020-02-23	Ban Truck 2 unit	4000000
2	W 8515 UP	2020-05-01	Kaca Spion Kiri 1 unit Merk ABC Kwalitet Super Produksi Surabaya UD Teguh	125000

Total Outflow = Rp 4125000

Total Profit = Rp 1225000

View Detail (viewDetail.jsp)

Other Information

If you have a question or something else, just feel free to ask and contact me.

Here is my contact information:

Email : mikechrist21@gmail.com

Whatsapp : (+62) 8785 3060 169

Thank You!
Have a Nice Day.