

ADSS_Group_T

Developers

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- Start the program with a parameter "CLI"/"GUI"

START - MENU

1. start new program - new program from scratch (without any data)
2. load old data - data from the previous system
3. continue from last save - last changes will remain in the system
4. exit program

LOGIN - WINDOW

enter your id and password

- HR manager id = 1 password = 1 - lead to ***HR Manager-Menu*** (below)
- Transporter manager id = 2 password = 2 - lead to ***Transporter Manager-Menu*** (below)
- Super manager id = 1111 password = 1111 - lead to ***Super Manager-Menu***
- if you choose 2 in the start menu you'll have access to Employees and driver in system :
- employees id = 11-20 passwords = 11-20 accordingly - lead to ***Employee-Menu*** (below)
- drivers id = 21-30 passwords = 21-30 accordingly - lead to ***Driver-Menu*** (below)

important - date format in the system is : yyyy-mm-dd

HR Manager Menu

How to use, Follow the prompts to enter any required information.

- add new employee - follow the prompts
- notification - choose this to see any notification regard to any shift that doesn't meet the requirements
- add employee qualification - enter id and choose qualification from the list
- show shift status - enter branch,date and type
- add new driver - follow the prompts
- manage assign employee - follow the prompts and from the shift status look for the right column for any employee to choose from to assign keep follow the prompts and choose if to assign one by one or all the possible employees
- add shift requirements - choose shift (like above) and choose the requirement follow the prompt
- manage assign driver - choose shift (like above) and id of the driver
- logout

Transporter Manager Menu

How to use, Follow the prompts to enter any required information.

- skip day - skip to the next day and execute the deliveries to the next day
- enter new delivery - follow the prompts
- enter new truck - follow the prompts
- enter new supplier - follow the prompts
- enter new branch - follow the prompts
- show logistic center products - show the list of products in the logistic center
- show all deliveries
- add new product to supplier - follow the prompts
- logout

Super Manager Menu

How to use, Follow the prompts to select the required menu.

- register As HR Manager - opens the menu of the HR manager actions
- register As Transport Manager - opens the menu of the Transport manager actions
- register As Employee - opens the menu of the Employee actions
- register As Driver - opens the menu of the Driver actions
- logout

Employee Menu

How to use,

- submit shift - enter id and shift by the format mentioned above
- show submitted shift
- logout

Driver Menu

How to use,

- submit shift - Follow the prompts enter id and shift by the format mentioned above
- logout

External packages and jars

- `jdatepicker-1.3.4.jar`: A Java library that provides a user-friendly date picker component for incorporating date selection functionality into Java applications.
- `google-maps-services-2.2.0.jar`: A Java library that offers convenient methods for accessing various Google Maps services, such as geocoding and directions, within Java applications.

Pre-load-data

Employees

ID	Name	password	bank account	description	Salary	Start Date	Manager ID
11	JohnDoe	11	123456789	Good worker	15000	<code>LocalDate.now()</code>	11
12	JaneDoe	12	987654321	Professional driver	20000	<code>LocalDate.now()</code>	12
13	BobSmith	13	456789123	Experienced HR professional	25000	<code>LocalDate.now()</code>	13
14	AliceJohnson	14	789123456	Operations expert	30000	<code>LocalDate.now()</code>	14
15	DavidLee	15	321654987	Team player	16000	<code>LocalDate.now()</code>	15
16	MaryBrown	16	654987321	Safe and reliable	21000	<code>LocalDate.now()</code>	16
17	JoeWilson	17	789654123	People person	26000	<code>LocalDate.now()</code>	17
18	SaraJones	18	456321789	Logistics pro	31000	<code>LocalDate.now()</code>	18
19	MarkTaylor	19	789456123	Hard worker	17000	<code>LocalDate.now()</code>	19
20	EmilyDavis	20	123789456	Route optimization expert	22000	<code>LocalDate.now()</code>	20

Drivers

ID	Name	password	bank account	description	Salary	Start Date
21	Driver 1	21	123456789	Driver with license type C and no cooling	20000	<code>LocalDate.now()</code>
22	Driver 2	22	987654321	Driver with license type C1 and fridge cooling	21000	<code>LocalDate.now()</code>
23	Driver 3	23	456789123	Driver with license type E and freezer cooling	22000	<code>LocalDate.now()</code>
24	Driver 4	24	789123456	Driver with license type C and fridge cooling	23000	<code>LocalDate.now()</code>
25	Driver 5	25	321654987	Driver with license type C1 and no cooling	24000	<code>LocalDate.now()</code>
26	Driver 6	26	654987321	Driver with license type E and no cooling	25000	<code>LocalDate.now()</code>
27	Driver 7	27	789654123	Driver with license type C and freezer cooling	26000	<code>LocalDate.now()</code>

ID	Name	password	bank account	Description	Salary	Start Date
28	Driver 8	28	456321789	license type C1 and fridge cooling	27000	LocalDate.now()
29	Driver 9	29	789456123	Driver with license type E and fridge cooling	28000	LocalDate.now()
30	Driver 10	30	123789456	Driver with license type C and no cooling	29000	LocalDate.now()

Employees qualifications

Employee ID	Qualifications
11	shiftManager, cashier
12	general_worker, orderly
13	cleaning, security, storekeeper
14	storekeeper
15	cashier
16	cashier, cleaning
17	security, storekeeper, storekeeper
18	cashier
19	cashier, storekeeper
20	orderly, cashier

Shifts

Branch	Employee ID	Shift Date	Shift Time(morning/evening)
b1	13	LocalDate.now().plusDays(1)	m
b1	14	LocalDate.now().plusDays(1)	m
b2	15	LocalDate.now().plusDays(1)	m
b1	13	LocalDate.now().plusDays(1)	m
b1	14	LocalDate.now().plusDays(1)	e
b1	15	LocalDate.now().plusDays(1)	m
b1	16	LocalDate.now().plusDays(1)	e
b1	17	LocalDate.now().plusDays(1)	m
b1	18	LocalDate.now().plusDays(1)	e
b1	19	LocalDate.now().plusDays(1)	m
b1	20	LocalDate.now().plusDays(1)	e
b2	16	LocalDate.now().plusDays(3)	e
b3	17	LocalDate.now().plusDays(4)	m
b3	18	LocalDate.now().plusDays(4)	e
b4	19	LocalDate.now().plusDays(5)	m

b4 Branch	20 Employee ID	LocalDate.now().plusDays(5) Shift Date	e Shift Time(morning/evening)
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Drivers submitted shifts

Date	Employee ID
LocalDate.now().plusDays(1)	21
LocalDate.now().plusDays(2)	21
LocalDate.now().plusDays(1)	22
LocalDate.now().plusDays(1)	23
LocalDate.now().plusDays(1)	24
LocalDate.now().plusDays(1)	25
LocalDate.now().plusDays(1)	26
LocalDate.now().plusDays(1)	27
LocalDate.now().plusDays(1)	28
LocalDate.now().plusDays(1)	29
LocalDate.now().plusDays(1)	30

Deliveries

id	deliveryDate	departureTime	truckWeight	source	driverId	truckNumber	shippingArea
0	LocalDate.now().plusDays(2)	12:00	6000	s1	0	1002	1
1	LocalDate.now().plusDays(2)	12:00	4000	s1	0	1001	1
2	LocalDate.now().plusDays(3)	12:00	8000	s3	0	1003	1
3	LocalDate.now().plusDays(3)	12:00	6000	s3	0	1002	1
4	LocalDate.now().plusDays(3)	12:00	4000	s4	0	1001	1

Trucks

licenseNumber	model	weight	maxWeight	licenseType	coolingLevel
1001	t1	4000	8000	C1	non
1002	t2	6000	12000	C1	fridge
1003	t3	8000	160000	C1	freezer
1004	t4	10000	20000	C1	non
1005	t5	12000	24000	C1	fridge
1006	t6	14000	28000	C1	freezer
1007	t7	160000	32000	C1	non
1008	t8	18000	36000	C1	fridge
1009	t9	20000	40000	C	freezer