VLN1-2020

UML Report

Hópur - 7

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Project Description

Lágmarkskröfur til kerfisins sem búa á til er að það skal geta skráð og kallað fram upplýsingar um leigusamninga á milli NaN Air og viðskiptavina. Til að það sé hægt þarf því að vera hægt að skrá upplýsingar um samninginn sjálfann, viðskiptavininn, farartækið sem samið eru um að leigja svo og hvaða starfsmaður bjó til samninginn. Lágmarkskröfur eru allar A kröfur hér að neðan og til þess að standast námskeiðið þarf að uppfylla lágmarkskröfur.

Viðbætur, sjá B kröfur, við þessa lágmarksvirkni eru ýmsar. Til dæmis þarf að halda utanum fleiri tegundir farartækja, geta haldið þjónustu bók fyrir hvert farartæki, geta búið til mánaðarlega reikninga og búa til skýrslur/samantektir.

Einnig er í boði að skilgreina eigin viðbótarkröfur, eða svo kallaðar C kröfur, og eru gefnar hugmyndir að nokkrum slíkum hér að neðan. Við viljum samt taka sérstaklega fram að ykkur verður talið til framdráttar að útfæra kröfur í lægri forgang nema allir aðrar kröfur séu útfærðar með sóma fyrst.

Kerfið skal vera hannað og útfært sem þriggja laga högun. Í slíku kerfi er gerð krafa um að viðmótið, viðskiptagreindin og gagnageymslan séu fyllilega aðskilin með skýrum viðmótum á milli laga. Hafa skal í huga að þið eigið að notast við klasa og hlutbundna forritun (e. object oriented programming).

Viðmótið skal vera í textaham eða TUI (Text-based User Interface) og skal forritið allt vera skrifað í Python. Gagnalagið skal vera útfært í textaskrám (.txt eða .csv) og má notast við þær stoðgrindur sem Python býður upp á fyrir slíkt.

Þið munið þurfa að gera og skila eftirfarandi afurðum:
- Notkunartilvikum (e. Use cases).
- Klasariti (e. Class diagram).
- Stöðuritum (e. State diagram), eftir því sem við á.
- Notendahópagreiningu.
- Útlitshönnun (e. Wireframe) sett fram sem “happy path”.
- Kröfulista til viðmóts, með virknikröfum og nytsemis- og notendaupplifunarkröfum.

Use Cases

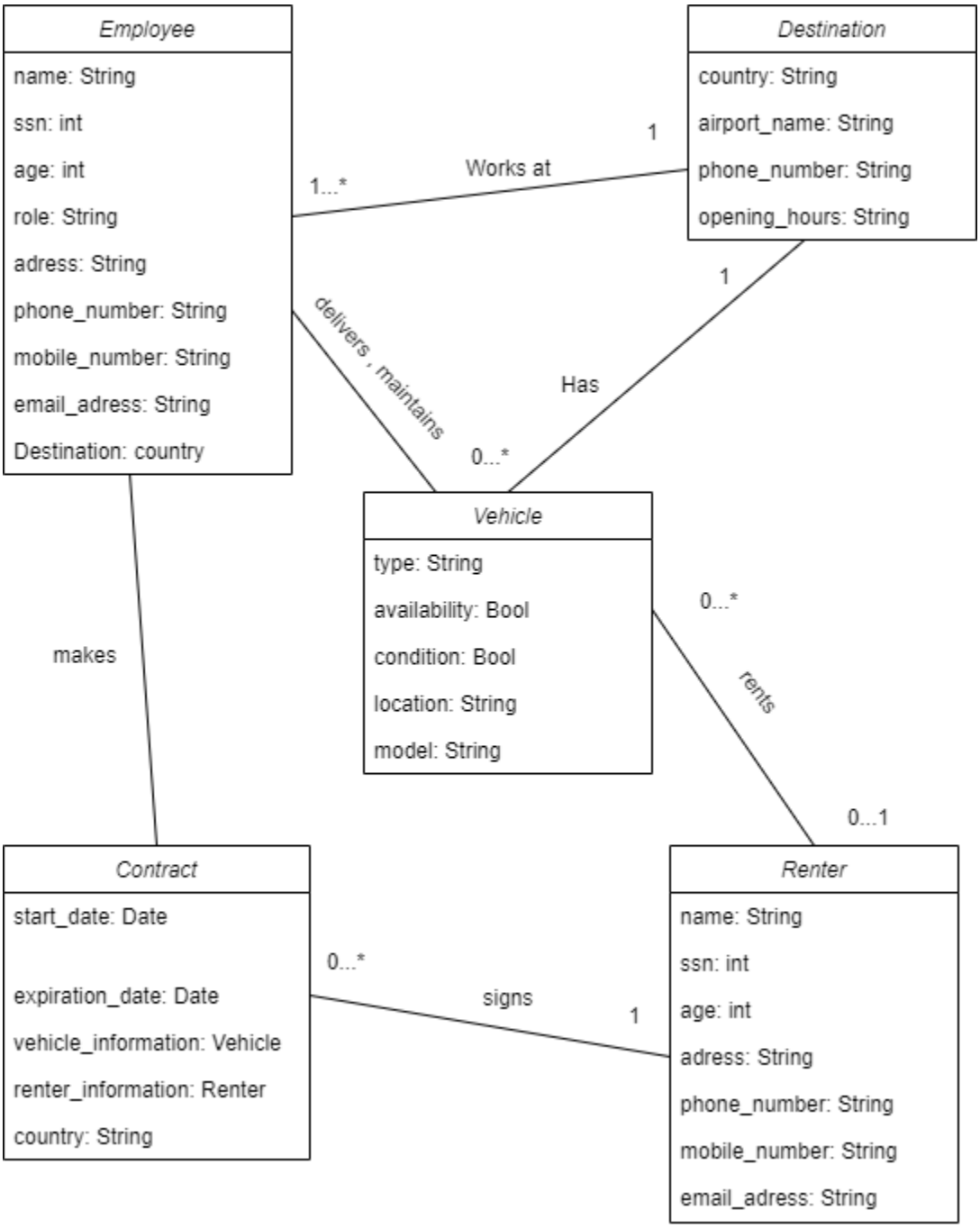
Demand	Use Case (ENG)	Number	Priority	Precondition	Description (base flow)	Alternative flow	Post condition	Source	Actors	Author	Main Success Scenario	Extensions
A	User creates a new employee	1	High	User has Admin permissions	User enters in employee details name, social security number, contact info and the workplace the employee works in and submits the form.	If the user enters information in incorrect format he is notified. If he enters information about an excisting employee he is notified that he will need to update the employee information.	New employee registered in database	Project Description	User	Ragnar Kormáksson	User enters information about employee: 1. Name 2. Social security number 3. Phone number (home) 4. Phone number (mobile) 5. Email 6. User selects a destination workplace from a list 7. Submits form 8. The staff information are printed on the screen and a success notification is sent to the user	2a. If Social security number already exists then user is notified that he needs to update the employee instead. 2b. User is notified if he enters the social security number in an incorrect format. 3a. User is notified if he enters the phone number in an incorrect format. 4a. User is notified if he enters the phone number in an incorrect format. 5a. User is notified if he enters the email in incorrect format
A	User retrieves a list of employees	2	High	User has Admin persmissions. At least one employee has been created in the system	User selects the emplpoyee menu from main menu and selects the option to previews a list of all employees registered in the system	If there are no users listed the system returns a notification that there are no employees listed and asks if user would like to create a new employee	A list of all employees with all employee information mentioned in no.1 appears on screen	Project Description	User	Ragnar Kormáksson	1. User enters Employee menu 2. Selects the option to list all employees 3. System prints a list of all employees on screen	3a. If no employees have been created the user receives a notification that there are no employees listed and is offered to create a new employee and is linked to the interface in no.1
A	User updates how an employee can be reached	3	High	One or more employees created	User selects the employee menu, chooses to select a specific employee and updates the contact information of the employee.	The user will need to control whether to go back or save the changes made on the selected employee	Contact information for the employee have been updated	Project Description	User	Ragnar Kormáksson	1. User enters Staff Portal 2. Selects a specific employee 3. Updates the employee's contact details 4. Saves the changes 5. The staff information are printed on the screen and a success notification is sent to the user	4a. User cancels, which doesn't save the changes made (reverts back to previous information).
A	User creates a new vehicle	4	High	User has Airport Staff permissions	User selects the vehicle option, then he select *create a new vehicle* from the main menu. He enters in the required information and saves the vehicle to the database.	The user can cancel and if he does the vehicle is not stored in the database.	A new vehicle has been created with a unique Identification number	Project Description	User	Ragnar Kormáksson	1. User enters the Vehicle portal 2. Selects the option to create a new vehicle 3. Enter vehicle details 4. Saves the vehicle 5. The vehicle information is printed on the screen and a success notification is sent to the user	4.a If user cancels the created vehicle is not stored
A	User retrieves information about the location, availability and condition of all vehicles	5	High	One or more vehicles and one or more destinations already created. Information about condition added to vehicle and their avilability.	User goes into the vehicle menu from the main menu and selects the option to retrieve a list of all vehicles which contains information about their location and condition	If there are no listed vehicles the user is notified and asked if he wants to add a vehicle	A list of all locations for all vehicles appear on screen	Project Description	User	Ragnar Kormáksson	1. User enters the Vehicle portal 2. Selects the option to list all vehicles and their details 3. All vehicles in the system are listed on the screen	3a. if there are no vehilces avaliable the user is notified and asked if he wants to add vehicles to the database.
A	User registers the condition of a vehicle	6	High	One or more vehicles already created	User selects the option to update a previsouly created vehicle from the vehicle portal. He updates the condition of the vehicle and saves.	If the user cancel's instead of saving the vehicle is not created.	User sees the new vehicle information printed on screen along with a success notification	Project Description	User	Ragnar Kormáksson	1. User enters the Vehicle portal 2. Selects the option to create a new vehicle 3. Enter vehicle minimum requirements 4. Enters the additional information about conditon 5. Saves the vehicle 6. The vehicle information is printed on the screen and a success notification is sent to the user	5a. User cancels, and vehicle is not stored in the database. The User is redirected back to the vehicle menu screen.
A	User creates a new contract	7	High	User has Reykjavik permissions	User goes into the contract menu and selects the option to create a new contract and enters all the contract details	If the user cancels the process instead of saving the contract it is not created	User sees the contract details printed on the screen and a success notification	Project Description	User	Ragnar Kormáksson	1. User enters the Contract portal 2. Selects the option to create a new contract 3. Inputs the contract details 4. Saves the contract	4a. User cancels the contract instead of saving, in which case the contract is not saved and he is redirected back to the Contract menu screen
A	User registers information about a customer (renter)	8	High	User has Reykjavik permissions	User selects the Customer optino from the main menu. Then he selects to create a new customer. He enters in the customer details and saves.	If the user doesn't select to save the customer information the data isn't stored	User sees the customer details printed on the screen and gets a success notification	Project Description	User	Ragnar Kormáksson	1. User selects the Customer menu 2. User selects to create a new customer 3. User enters the customer information 4. The customer details are printed on the screen and user is offered to cancel, edit or save 5. User saves the customer and receives a success notification	4a. User cancels the creation and the customer information is deteled 4b. User presses edit and is rediricted to step 2
A	User retrieves information about all rental contractrs	9	High	User has Reykjavik permissions and one or more contracts have been created	User selects Contracts from main menu and then selects to view all contracts and they are printed on screen	There are no contracts listed so user is notified and asked if he would like to create a contract	User sees an overview list of all contracts in the system	Project Description	User	Ragnar Kormáksson	1. User selects Contrcats from the main menu 2. User selects view all contracts 3. User gets an overview list of all contracts and is offered the option to print, select a specific contract or go back	-
A	User retrieves information about a single contract	10	High	User is running the software and has Reykjavik permissions	User selects Contracts from main menu and then selects a specific contract. He receives a list of contracts in the system and enters the one he would like to view.	There are no contracts listed so user is notified and asked if he would like to create a contract	All the details of the contract are printed on the screen	Project Description	User	Ragnar Kormáksson	1. User selects Contrcats from the main menu 2. User selects *Select Contract* 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. The user has the option to edit, print, delete or go back	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number
A	User updates the contract time period	11	High	User has Reykjavik permissions and one or more contracts have been created	User selects Contracts from main menu and then selects a specific contract. He receives a list of contracts in the system and enters the one he would like to edit. He edits the contract and saves the information and the contract has been updated.	There are no contracts listed so user is notified and asked if he would like to create a contract	The contract has been updated and is printed correctly on the screen with a success notification	Project Description	User	Ragnar Kormáksson	1. User selects Contrcats from the main menu 2. User selects *Select Contract* 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. The user selects *edit contract* 6. The user updates the time period for the contract 7. The user is asked if he wants to cancel or save 8. The user selects save and the contract is updated	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number 7a. the user selects cancel and the contract is not saved but reverts back to the previous information

A	User changes the vehicle of a contract	12	High	User has Reykjavik permissions and one or more contracts have been created and one or more vehicles	User selects Contracts from main menu and then selects a specific contract. He receives a list of contracts in the system and enters the one he would like to edit. He edits the contract and saves the information and the contract has been updated.	There are no contracts listed so user is notified and asked if he would like to create a contract	The contract has been updated and is printed correctly on the screen with a success notification	Project Description	User	Ragnar Kormáksson	1. User selects Contrcats from the main menu 2. User selects *Select Contract* 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. The user selects *edit contract* 6. The user updates the vehicle of the contract 7. The user is asked if he wants to cancel or save 8. The user selects save and the contract is updated 9. The user receives a success notification and is returned to the menu in *step 5*	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number 7a. the user selects cancel and the contract is not saved but reverts back to the previous information
A	User annul's a contract	13	High	User has Reykjavik permissions and one or more contracts have been created	User selects Contracts from main menu and then selects a specific contract. He receives a list of contracts in the system and enters the one he would like to view and then takes the action to annul that contract which is now listed as annulled.	There are no contracts listed so user is notified and asked if he would like to create a contract	The contract has been listed as annuled and a notifcation is printed that says the annulment was successful	Project Description	User	Ragnar Kormáksson	1. User selects Contrcats from the main menu 2. User selects *Select Contract* 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. The user selects *annul contract* 6. The user is returned to the previous menu with a success notification	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number
A	User deletes a contract	14	High	User has Reykjavik permissions and one or more contracts have been created	User selects Contracts from main menu and then selects a specific contract. He receives a list of contracts in the system and enters the one he would like to delete and then selects the option to delete it.	The user cancels the process of deleting the contract and is redirected back to the menu for a single contract	The contract has been removed from the list of contracts and can no longer be interacted with	Project Description	User	Ragnar Kormáksson	1. User selects Contracts from the main menu 2. User selects *Select Contract* 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. The user selects *Delete* 6. The user selects Yes to confirm 7. The contract is deleted and the user is redirected back to the Contract menu	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number 6a. The user selects no and is redirected back to the single contract selection menu in step 5
A	User creates new destination	15	High	User has Admin permissions	User selects Destination from the main menu and then selects Create new destination. He enters in the required information and selects save and a new destination has been created	The user does not want to save the edits he has made and cancels, the destination is not saved.	A new destination has been added to the list of destination.	Project Description	User	Ragnar Kormáksson	1. User selects Destinations from the main menu 2. User selects *Create new destination* 3. User fills in the required information for a destination 4. User saves the information 5. User receives a success notification and is redirected to the Destination page	4a. User can select edit and keep editing 4b. User can select cancel and the destination is not created and the user is redirected to the Destination menu
A	User retrieves a list of all destinations	16	High	One or more destinations have been created	User selects Destination from the main menu and then selects View all destinations and is presented with a list of all destinations on screen	If no destinations have been created the user is notified that there are no destinations and is asked if he would like to create one.	User receives a list of all destinations on screen	Project Description	User	Ragnar Kormáksson	1. User selects Destinations from the main menu 2. User selects *View all destinations* 3. The user receives a list of all destinations 4. User can select to print or go back	
A	User print previews a contract	17	High	User has Reykjavik permissions and one or more contracts have been created	User selects Contracts from the main menu and then Select contract to find a specific contract. The user can then decide to print the contract and recives a print preview on screen.	If there is no contract the user can not print preview contract, he will need to create on first.	The user receives all the details of the specified contract in print preview on screen	Project Description	User	Ragnar Kormáksson	1. User selects Contracts from the main menu 2. User selects Select Contract 3. A list of contracts in the system are printed on the screen and the user is asked to select one 4. The user enters the contract by entering in a contract ID number 5. User selects Print from the menu 6. The contract is printed on screen	4a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the contract ID number
B	User register additional information about a vehicle	18	Medium	User has Airport Staff permissions and vehicle is being or has been created	User selects Vehicle from the main menu and then Select vehicle. He is then able to select edit and update all the necessary information about the vehicle	If a vehicle has not been created the user will first have to create one If the vehicle identification number is wrong the user will have to re-enter it before editing	The information about the vehicle have been updated succesfully and the user recevies a success notification	Project Description	User	Ragnar Kormáksson	1. User selectes Vehicle from the main menu 2. User selects *Select Vehicle* 3. User enters in the Vehicle unique ID 4. User selects the *edit* option 5. User updates the information required 6. User saves the changes and is redirected back to the Vehicle menu	3a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the Vehicle ID 6a. If the user does not save the changes they revert back to the previous input
B	User registers a rate for the vehicle	19	Medium	User has Airport Staff permissions and vehicle is being or has been created	User selects Vehicle from the main menu and then Select vehicle. He is then able to select edit and update all the necessary information about the vehicle	If a vehicle has not been created the user will first have to create one If the vehicle identification number is wrong the user will have to re-enter it before editing	The information about the vehicle have been updated succesfully and the user recevies a success notification	Project Description	User	Ragnar Kormáksson	1. User selectes Vehicle from the main menu 2. User selects *Create vehicle* 3. User enters in the required information and the Vehicle *Rate* 4. User saves the changes 5. User receives a success message and is redirected to the Vehicle menu	4a. User decides to press *edit* to enter addtional information 4c. User decides to *cancel* then no information is stored
B	User updates the rate of a vehicle	20	Medium	User has Airport Staff permissions and vehicle is being or has been created	User selects Vehicle from the main menu and then Select vehicle. He is then able to select edit and update all the necessary information about the vehicle	If a vehicle has not been created the user will first have to create one If the vehicle identification number is wrong the user will have to re-enter it before editing	The information about the vehicle have been updated succesfully and the user recevies a success notification	Project Description	User	Ragnar Kormáksson	1. User selectes Vehicle from the main menu 2. User selects *Select Vehicle* 3. User enters in the Vehicle unique ID 4. User selects the *edit* option 5. User updates the information required 6. User saves the changes and is redirected back to the Vehicle menu	3a. if the user enters the wrong identification number he receives an error notification and then has to re-enter the Vehicle ID 6a. If the user does not save the changes they revert back to the previous input
B	User retrieves a list of all rates	21	Medium	User has Airport Staff permissions and one or more rate has been added to vehicles	User selects Reports from the main menu. From the report menu the selects the option to view all rates and receives a list of all rates for all vehicles.	If no rates have been added to vehicles then there is no report for rates available. Instead there is only a message that states that no rates have been added to any vehicles.	The user receives a list of all rates from all vehicles and destinations.	Project Description	User	Ragnar Kormáksson	1. User selectes Reports from the main menu 2. User selects *View all rates* 3. User receives a print preview of all reates from all vehicles 4. User can select to print or go back	
B	User adds a fine to the payment because of late return	22	Medium	User has Airport Staff permissions and a vehicle has already been rented (contract created)	User selects Vehicles and the option to return a vehicle. He adds a late fee to the return form and checks out the customer.		A late fee has been added to the customers invoice	Project Description	User	Ragnar Kormáksson	1. User selectes Vehicle from the main menu 2. User selects *Return vehicle* 3. User can select to add a late fee 4. User can review invoice 5. User subimits invoice with late fee 6. User is redirected back to the Vehicle screen	5a. If user doesn't accept the invoice he can edit it 5b. The user can select to cancel the invoice that will then not be saved and needs to be re-created
B	Admin user updates the permission settings for an employee	23	Medium	User has Admin permissions	User selects Employees from the main menu. Then chooses to edit a single employee and changes the users permission role based on what he's allowed to see	If there is no employee in the system the user will first have to create one	The user has changed the role permissions for the user which now has updated privilages	Project Description	User	Ragnar Kormáksson	1. User selects Employees from the main menu 2. User selects a specific employee by entering his Social security number 3. The user updates the permission roles 4. The user saves and is redirected back to the Employee menu	4a. the user chooses to edit again and goes back to step 3 4b. the user cancels the changes and goes back to the Employee menu without making any changes

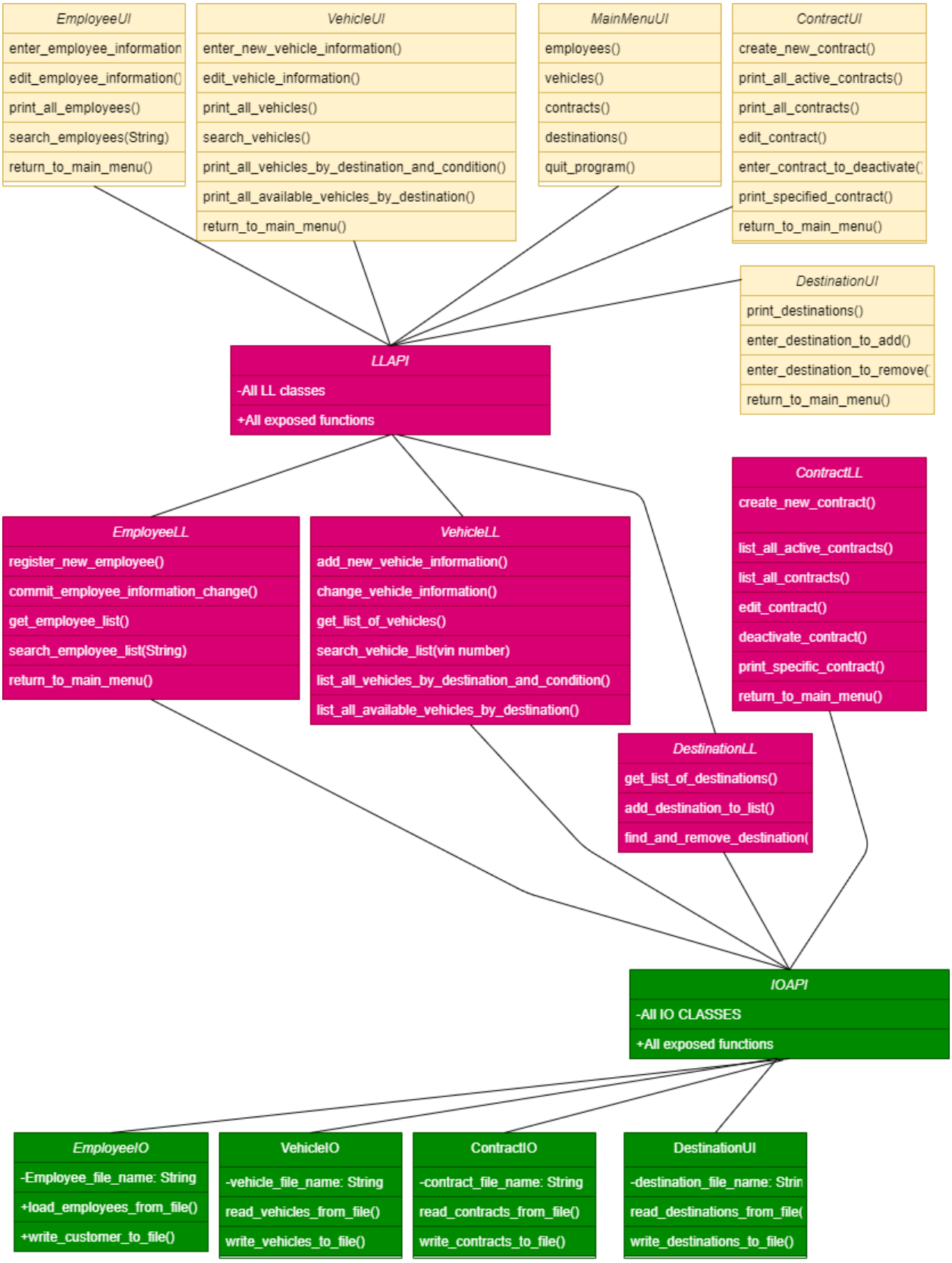
B	User retrieves an overview report of all revenues for a given period	25	Medium	User has Reykjavik permissions and one or more contracts have been created	User selects Reports from the main menu and then looks into revenue reports. User enters in a given period and receives information about all revenues during the given period broken down by Destination and Vehicle	If there are no paid invoices there are no revenues to display. Then the user will simply receive a message saying there have been no payments made during the period.	The user sees a list of invoices that have been paid during the period and the total sum of revenues for the period.	Project Description	User	Ragnar Kormáksson	1. User selects Reports from the main menu 2. User selects Revenue reports 3. User selects a given period 4. User receives a list of all invoices paid during the period and total sum of revenues 5. User can print or go back to Reports	3a. If the user enters the wrong format or an end date that is ahead of the start date the user is notified that they will need to re-enter the date in the correct format
B	User retrieves a revenue report and filters for vehicles and destinations offices	26	Medium	User has Reykjavik permissions and one or more destinations have been created and vehicles have been rented out (contracts created)	User selects Reports from the main menu and then looks into revenue reports. User filters for destinations and receives a breakdown of all vehicles withing a destination and the revenue they have made.	If there are no paid invoices there are no revenues to display. Then the user will be notified that payments need to be made before they show up in the report	User receives a list of all destinations with each vehicle listed under the location and the revenue that each vehicle is making, the destination as a whole and the total for all destinations.	Project Description	User	Ragnar Kormáksson	1. User selects Reports from the main menu 2. User selects Revenue reports 3. User filters for destinations 4. User receives a list of all destinations, vehicles for each and the revenue they make 5. User can print or go back to Reports	3a. If the user enters the wrong format or an end date that is ahead of the start date the user is notified that they will need to re-enter the date in the correct format
B	User retrieves a report on utilization of vehicles for all destinations, filtered by Type	27	Medium	User has Airport Staff permissions, destinations have been created and vehicles rented out and type information added to the vehicle	User selects Reports from the main menu and then looks into revenue reports. User filters for destinations and type and receives a breakdown of all vehicles by type withing a destination and the revenue they have made.	If there are no paid invoices there are no revenues to display. Then the user will be notified that payments need to be made before they show up in the report	User receives a list of all destinations with each vehicle type listed under the location and the revenue that each vehicle type makes, the destination as a whole and the total for all destinations.	Project Description	User	Ragnar Kormáksson	1. User selects Reports from the main menu 2. User selects Revenue reports 3. User filters by destination and vehicle type 4. User receives a list of all destinations, vehicles for each and the revenue they make 5. User can print or go back to Reports	3a. If the user enters the wrong format or an end date that is ahead of the start date the user is notified that they will need to re-enter the date in the correct format
B	User retrieves a report about invoices for a given period and filters for customers	28	Medium	User has Reykjavik permissions and one or more destinations have been created and vehicles have been rented out (contracts created)	User selects Reports from the main menu and then looks into revenue reports. The users filters for a given time period and by customers.	If there are no customers this report can not be created. If there are no payments made this report can not be created. The user would receive a notification for the one of the reasons or both if missing	The user sees a list of invoices that have been paid during the period broken down by customers.	Project Description	User	Ragnar Kormáksson	1. User selects Reports from the main menu 2. User selects Revenue reports 3. User selects a given period and filters by customer 4. User receives a list of all invoices paid during the period filtered by customers and total sum of revenues 5. User can print or go back to Reports	3a. If the user enters the wrong format or an end date that is ahead of the start date the user is notified that they will need to re-enter the date in the correct format
C	User registers a VIP customer and adds a discount	29	Low	User has Reykjavik permissions and a customer has already been registered	User selects Customer from the main menu and then Create new customer. In the additional details tab he can add a discount for the customer so he receives a discount for each purchase.	If the customer already exists in the database he will need to be updated instead.	The customer has been created and now has a permanent discount that will be automatically applied to invoices	Project Description	User	Ragnar Kormáksson	1. User selects Customer from the main menu 2. User selects Create new customer 3. User enters in the details about the discount the customer will receive 4. User saves the information and is redirected to the Customer menu screen	4a. The user decides to edit the information and goes back to step 3. 4b. The user decies to cancel the process and is redirected to the Customer menu screen and the information is not stored
C	User tags a customer as "late returner" for future references	30	Low	User has Airport Staff permissions, destinations have been created and vehicles rented out	User selects Customer from the main menu and then chooses Select Customer. The user selects a specific customer and then applies a "late returner" tag to the customer for future references.		The customer is now tagged as a "late returner" which can be seen the next time a contract is being created	Project Description	User	Ragnar Kormáksson	1. User selects Customer from the main menu 2. User selects Select customer 3. User applies the "late returner" tag to the customer 4. User saves the information and is redirected to the Customer menu screen	4a. The user decides to edit the information and goes back to step 3. 4b. The user decies to cancel the process and is redirected to the Customer menu screen and the information is not stored

Class Diagrams

Model Class Diagram

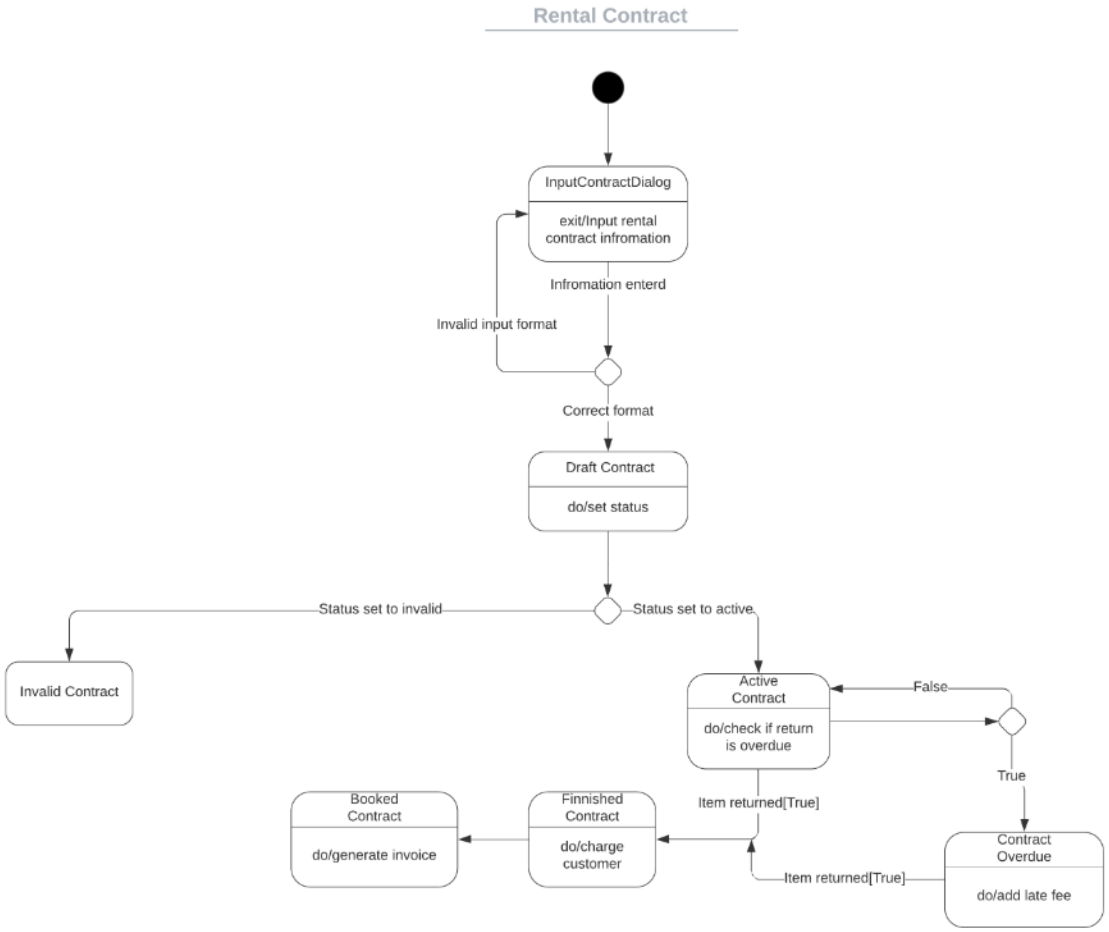


3 Tier Class Diagram

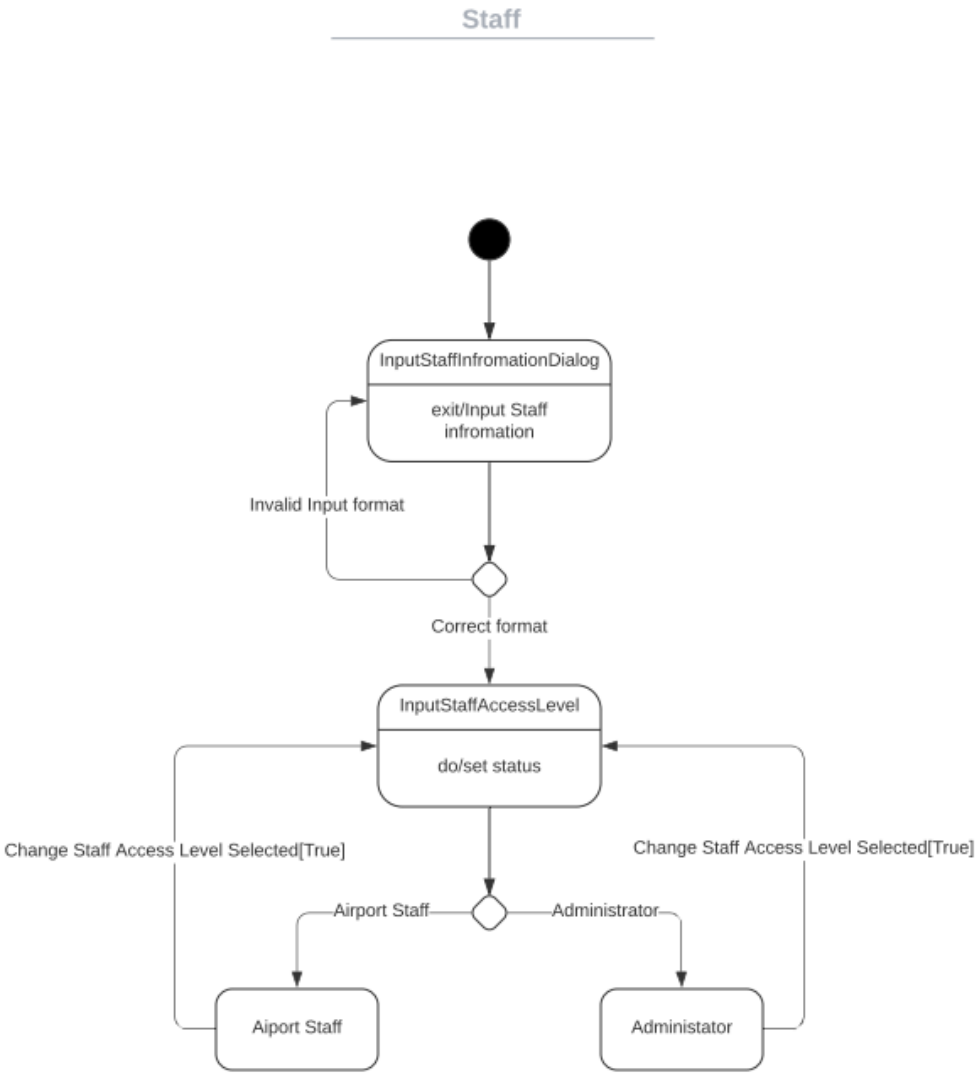


State Diagram

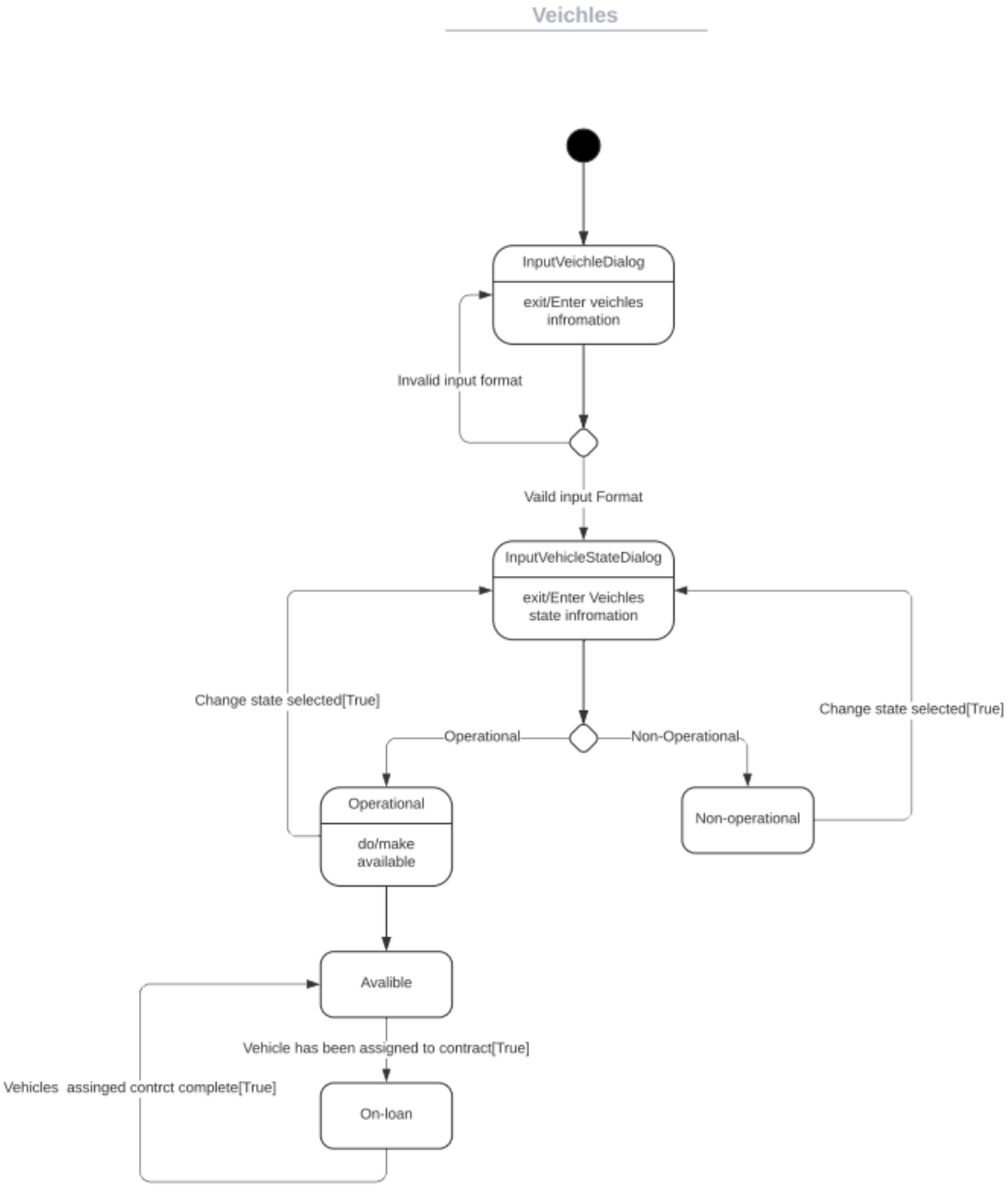
Rental Contract



Staff


Staff
InputStaffInfromationDialog
exit/Input Staff infromation
Invalid Input format
Correct format
InputStaffAccessLevel
do/set status
Change Staff Access Level Selected[True]
Change Staff Access Level Selected[True]
Airport Staff
Administrator
Aiport Staff
Administator

Vehicles


Veichles
InputVeichleDialog
exit/Enter veichles infromation
Invalid input format
Vaild input Format
InputVehicleStateDialog
exit/Enter Veichles state infromation
Change state selected[True]
Operational
Non-Operational
Change state selected[True]
Operational
do/make available
Non-operational
Avalible
Vehicle has been assigned to contract[True]
Vehicles assinged contrct complete[True]
On-loan

User Group Analysis

Greining Notendahópa / User Group Analysis

Name of the user group	Airport staff	Office staff	Administrator
WHO: background			
Age	17-70	17 - 70	18 - 70
Gender	All genders	All genders	All genders
Education	Various	Various	Various
Abilities, disabilities	Nothing special	Nothing special	Nothing special
General computer skills	Very good	Very good	Very good
Number of users	c.a 1500	c.a 100	c.a 150
WHY: main user goals	Be able to review the schedule of the departure and arrival, be able to check the contract of renting vehicle and availability of the vehicles	Be able to create/update the reports, contracts and rates.	To have access for all necessary informations
WHAT:Technical environment	Technical environment varies, but they usually have good equipment and internet connection.	Technical environment varies, but they usually have good equipment (e.g ipad, phone/ laptop) and internet connection.	Technical environment varies, but they usually have good equipment (e.g ipad, phone/ laptop) and internet connection.
WHERE: The usage environment	it can be accessed mostly everywhere with internet connection (computer, mobile , etc) and browser.	it can be accessed mostly everywhere with internet connection (computer, mobile , etc) and browser.	it can be accessed mostly everywhere with internet connection (computer, mobile , etc) and browser.
WHEN:Usage of the software	All year around	All year around	All year around
how often	everyday	everyday	everyday
for how long	for about 3 - 4 hours	for about 1 to 2 hours	for about 1 to 2 hours
user skills	The user will get skilled because he/she uses the software frequently.	The user will get skilled because he/she uses the software frequently.	The user will get skilled because he/she uses the software frequently.
HVERSU: Mikilvægur er hópurinn?/ HOW: Important is this user group?	MOST IMPORTANT	MOST IMPORTANT	MOST IMPORTANT

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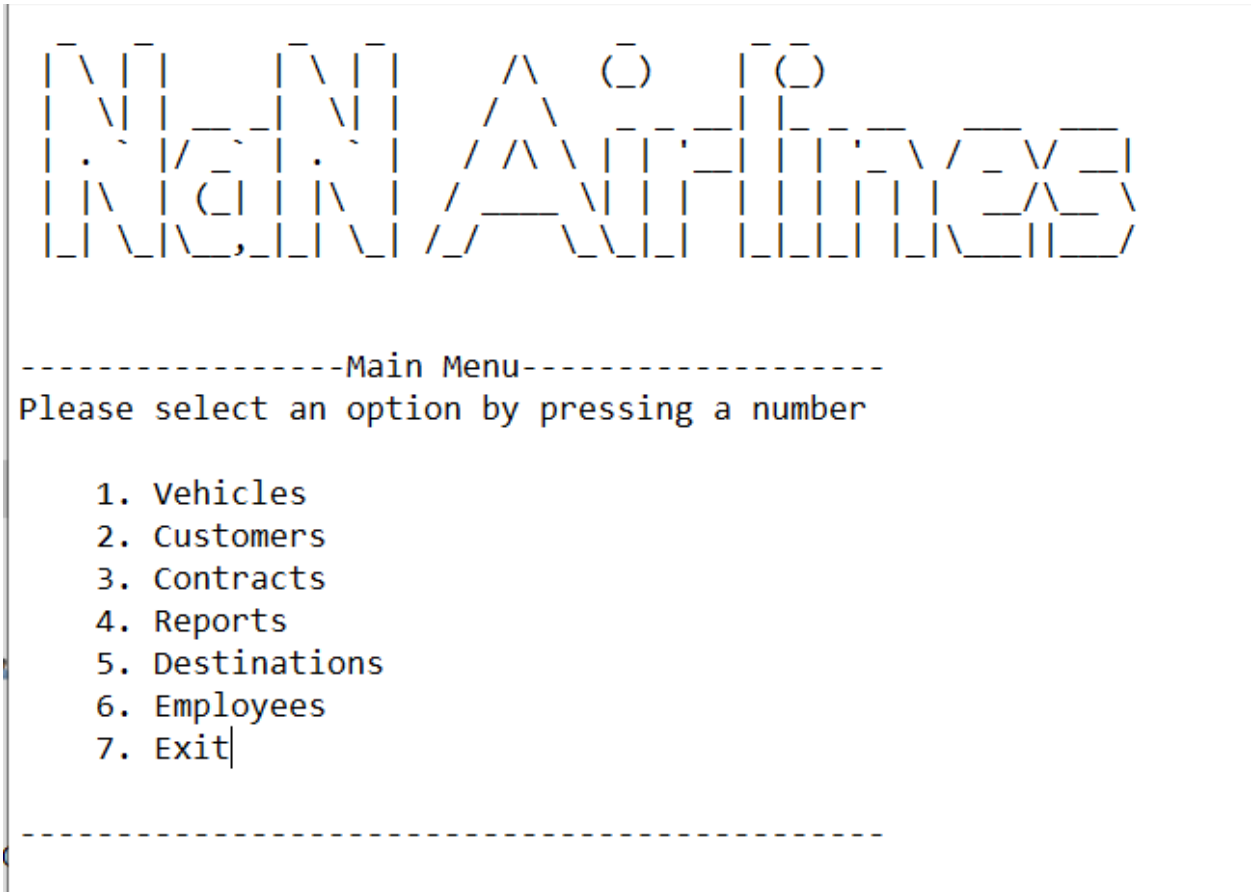
Requirement List

No.	Category	Name	User group	Priority (A/B/C)	Additional Info
1	Staff	The program should allow users to register new employees information	admin	A	use case 1
2	Staff	The program should allow users to review the information of the employees	all users	A	use case 2
3	Staff	The program should allow users to edit/update employees data	all users	A	use case 3 & 17
4	Staff	The program should allow users to delete / remove employees data	admin	A	
5	Vehicle	The program should allow users to register new vehicles	all users	A	use case 4
6	Vehicle	The program should allow users to review the information of the vehicles	all users	A	use case 5 & 6
7	Vehicle	The program should allow users to delete / remove information of vehicles	all users	A	
8	Vehicle	The program should allow users to have overview of vehicles' availability	all users	A	
9	Contract	The program should allow users to create a new contract	office staff & admin	A	use case 7
10	Contract	The program should allow users to register new customer (renters)	all users	A	use case 8
11	Contract	The program should allow users to review the contract	all users	A	use case 9 ,10 & 16
12	Contract	The program should allow users to edit/update contract information such as contract period, vehicles	office staff & admin	A	use case 11 & 12
13	Contract	The program should allow users to reject / delete the contract	admin	A	use case 13
14	Destination	The program should allow users to create new destination	admin	A	use case 14
15	Destination	The program should allow users to edit/review destinations	admin	A	use case 15
16	Destination	The program should allow users to delete / remove destinations	admin	A	
17	Prices	The program should allow users to register/update/review the rate list	office staff & admin	B	use case 18,19 & 20
18	Permission	The program should allow users to allow the permission	admin	B	use case 23

	roles	updates for Reykjavik employees			
19	Permission roles	The program should allow users to allow the permission updates for airport employees	admin	B	use case 24
20	Invoices	The program should allow users to fine for late return of vehicles	all users	B	use case 21
21	Report	The program should allow users to apply filter for certain information	all users	B	the filter can be by type, customers or etc.
22	Report	The program should allow users to have overview of revenue report	office staff & admin	B	use case 25 & 28
23	Report	The program should allow users to have overview of invoices sent	office staff & admin	B	use case 28
24	Report	The program should allow users to have overview of utilization vehicles for all destinations	office staff & admin	B	use case 27
25	Customer	The program should allow users to categorize the customers such as VIP/ late retuner	all users	C	it can use for future references and apply special activities for the VIP, e.g. use case 32
26	Customer	The program should allow users to give discount for VIP customers	admin	C	use case 31

Wireframes

Main Menu



Vehicles

```
----------------Main Menu-----------------
Please select an option by pressing a number

    1. Vehicles                                                          *A-00
    2. Customers
    3. Contracts
    4. Reports
    5. Destinations
    6. Employees
    7. Exit

-------------------------------------------

-----------------Vehicles-----------------    *A-00
Please select an option by pressing a number

    1. Create new vehicle
    2. Select vehicle
    3. Check availability
    4. Return vehicle
    5. View all vehicles
    6. Main Menu

-------------------------------------------

-------------Create new vehicle-------------   *A-01
Please enter the following information to
register a new vehicle

    1.Vehicle brand
    2.Registation number
    3.Type (SUV,Sedan,ect)

Enter Brand Name:
Enter Registration Number:
Enter Type:
-------------------------------------------

--------------State of Vehicle--------------   *A-01-01
Please specify if vehicle is currently in
operational condition if not please mark it
for repair

    1. Operational
    2. Non-Operational

Enter state of vehicle:
-------------------------------------------
```

```
------------Finalise Registration-----------   *A-01-02
You are about to add the following to the
database are you sure you would like to
continue ?

Registration Number      Brand         Type
=============================================
 SV-241                 Toyota       Sedan


    1.Yes / Continue
    2.No / Cancel

 Enter Choice:
---------------------------------------------

-----------------Select vehicle-------------- *A-02

Number     Registration number    Rate      Brand        Type            State
=================================================================================
1.         TJ-921                 120       Mazda         SUV         Operational
2.         LM-190                 99        Toyata        Sedan       Non-Operational


Enter Number of the vehicle you wish to select:
---------------------------------------------

-----------------Edit,Delete------------------- *A-02-01
Selected:

Number   Registration number       Rate     Brand       Type     State
=========================================================================
1.       TJ-921                   120      Mazda       SUV      Operational

Select Option:

        1.Edit
        2.Delete
        3.Cancal

Enter Option:
---------------------------------------------

-----------------Edit------------------        *A-02-02

        1.Registration number
        3.Brand
        4.Type
        5.State
        6.Exit

Choose Paramater to change:
-----------------------------------------
```

```
-----------------Delete-------------------       *A-02-03
You are about to remove selected item from
the database.

Number   Registration number       Rate     Brand       Type     State
================================================================================
1.       TJ-921                   120      Mazda       SUV      Operational

        1.Yes // continue
        2.No  // exit

Are you sure you wish to continue:
-------------------------------------------

------------Check availability--------------- *A-03

Number   Registration number       Rate     Brand       Type     Availability
================================================================================
1.        TJ-921                            Mazda        SUV       Available
2.        TJ-924                            Lexus        SUV       On-Loan
3.        LM-190                            Toyata       Sedan     Available


        1. Exit

-------------------------------------------

----------------Return vehicle--------------- *A-04

Enter vehicle registration you wish to return:
-------------------------------------------

----------------Return vehicle--------------- *A-04-01

Number   Registration number       Rate     Brand       Type     Return data      Late fee
=============================================================================================
1.       TJ-921                   120      Mazda       SUV      20-10-2020       Applicable

        1.Mark as paid
        2.Waive late fee
        3.Exit

Enter Option:
-------------------------------------------

----------------View all vehicles------------ *A-05

Number   Registration number       Rate     Brand       Type
=============================================================
1.       TJ-921                   120      Mazda        SUV
2.       TJ-924                   230      Lexus        SUV
3.       LM-190                   105      Toyata       Sedan

        1.Exit

Enter Option:
-------------------------------------------
```

Customer

```
-----------------Main Menu-------------------
Please select an option by pressing a number

    1. Vehicles
    2. Customers                                *B-00
    3. Contracts
    4. Reports
    5. Destinations
    6. Employees
    7. Exit

-----------------------------------------------

-----------------Customers-------------------   *B-00
Please select an option by pressing a number

    1. Create new customer                      *B-01
    2. Search customer                          *B-02
    3. View all customers                       *B-03
    4. Main Menu                                *B-04

-----------------------------------------------

--------------New Customer-------------------   *B-01
Customer Name:
SSN Number:
Phone Number:
Mobile Number:
E-mail Address:
Address:
Country:
Credit Card Number:
Status:

New customer is registered.
-----------------------------------------------

--------------Search Customers---------------   *B-02
Please select an option by pressing a number

    1. Search by name
    2. Search by SSN number

-----------------------------------------------
```

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```
--------------Search Customers---------------   *B-02-01
Input the name:

1 match found.

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

    1. Edit customer information.
    2. Delete customer information.
    3. Return.
Enter your choice:
---------------------------------------------

--------------Search Customers---------------   *B-02-02
Input the SSN number :

1 match found.

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

    1. Edit customer information.
    2. Delete customer information.
    3. Return.
Enter your choice:
---------------------------------------------

-----------------Edit customer---------------   *B-02-01-01

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

    1. Name.
    2. SSN.
    3. Phone nr.
    4. Mobile nr.
    5. E-mail address.
    6. Address.
    7. Country of residence
    8. Credit Card nr.
    9. Status.

Enter your choice:
Name successfully changed.

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

---------------------------------------------

--------Delete customer information---------    *B-02-01-02

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

    Are you sure you want to delete this customer information (y/n)? :

Customer infromation successfully deleted.

---------------------------------------------


--------View customer information---------  *B-03

Customer Name       SSN             Phone nr.       Mobile nr.       E-mail address        Address               Country of residence       Credit Card nr.         Status
=============================================================================================================================================================================
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP
Jón Jónsson         xxxxxx-xxxx     xxx-xxxx        xxx-xxxx         email@email.com       Street 66, 103 City     Country                  xxxxxxxxxxxxxx        VIP

---------------------------------------------
```

Contracts

```
----------------Main Menu-------------------
Please select an option by pressing a number

    1. Vehicles
    2. Customers
    3. Contracts                                          *C-00
    4. Reports
    5. Destinations
    6. Employees
    7. Exit

-----------------------------------------

----------------Contracts-------------------              *C-00
Please select an option by entering a number.

    1. Create new contract                                *C-01
    2. Search contracts                                   *C-02
    3. Print all contracts                                *C-03
    4. Print all active contracts                         *C-04
    5. View contract                                      *C-05
    6. Main Menu

-----------------------------------------

----------------New contract----------------              *C-01
Customer name:
Vehicle identification number:
Start date (dd.mm.yy hh:mm):
End date (dd.mm.yy hh:mm):
Country:

Contract successfully created.
-----------------------------------------

----------------Search contracts------------              *C-02
Select search type by entering a number.

    1. Search by name.                                    *C-02-01
    2. Search by date.                                    *C-02-02

-----------------------------------------

----------------Search contracts------------              *C-02-01
input a name to search for:

2 matches found.

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA02            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
```

```
-----------------Search contracts------------                    *C-02-02
Input start date:
Input end date:

2 matches found.

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA02            Gísli Steinsson        VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard

-------------------------------------------

-----------------All contracts--------------                    *C-03

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA02            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA03            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA04            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA05            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA06            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA07            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA08            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA09            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA10            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA11            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA12            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
-------------------------------------------

-----------------Active contracts-----------                    *C-04

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA02            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA03            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA04            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA05            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
AAA06            Jón Steinsson          VIN NR       99       01.06.21 13:45    01.07.21 19:45  Svalbard
AAA07            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard
-------------------------------------------
```

```
-----------------View contract--------------                      *C-05
Enter contract identification number:

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard

    1. Edit contract information.
    2. Annull contract.
    3. Delete contract.
    4. View customer information.
    5. View another contract.
    6. Return.
Enter your choice:
-----------------------------------------

-----------------Edit contract-------------                      *C-05-01

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard

    1. Name.
    2. Vehicle.
    3. Date.
    4. Country.
    5. Cancel.

Enter your choice:
Name successfully changed.

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Jónsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45    Svalbard

-----------------------------------------

-----------------Anull contract------------                      *C-05-02

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard

    Are you sure you want to annull this contract (y/n)? :

Contract successfully annulled.

-----------------------------------------
```

```
-----------------Delete contract-----------                    *C-05-03

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard

    Are you sure you want to delete this contract (y/n)? :

Contract successfully deleted.

-------------------------------------------

-----------------View customer information-                    *C-05-04

Customer Name       SSN             Phone nr.       Mobile nr.        E-mail adress         Address
      Country of residence
=============================================================================================================
============================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103
City     Country

-------------------------------------------

-----------------View contract--------------                    *C-05-05
Enter contract identification number:

Contract ID      Customer Name          Vehicle     Rate      Start Date        End Date        Country
=============================================================================================================
AAA01            Jón Steinsson          VIN NR       100      26.11.20 17:45    28.11.20 18:45  Svalbard

    1. Edit contract information.
    2. Annull contract.
    3. Delete contract.
    4. View customer information.
    5. View another contract.
    6. Return.
Enter your choice:
-------------------------------------------
```

Reports

```
-----------------Main Menu-------------------
Please select an option by pressing a number

    1. Vehicles
    2. Customers
    3. Contracts
    4. Reports                                                    *D-00
    5. Destinations
    6. Employees
    7. Exit

-----------------------------------------------


------------------Reports--------------------                    *D-00
Please select a an option by pressing a number

    1. Revenue overview                                           *D-01
    2. Revenue by destination                                     *D-02
    3. Revenue per employee                                       *D-03
    3. Vehicle utilization                                        *D-04
    4. Invoices by customers                                      *D-05
    7. Exit

-----------------------------------------------
```

```
-----------------Revenue Overview-----------                        *D-01-01
Please select a time period:

Start date (dd.mm.yy): 01.01.2019
End date (dd.mm.yy): 31.12.2019

Printing......
-------------------------------------------

Revenue report
Time period: 01.01.2019 - 31.12.2019

Month               Revenues
===========================================
January             $28,000.00
February            $14,000.00
March               $13,000.00
April               $17,000.00
May                 $19,000.00
June                $29,000.00
July                $26,000.00
August              $28,000.00
September           $16,000.00
October             $15,000.00
November            $14,000.00
December            $31,000.00

Total               $250,000.00
-------------------------------------------

What would you like to do?                                          *D-01-02

    1. Print report
    2. Select new time period
    3. Back

-------------------------------------------
```

```
------------Revenue by destination------------                          *D-02-01
Please select a time period:

    Start date (dd.mm.yy): 01.01.2019
    End date (dd.mm.yy): 31.12.2019

-----------------------------------------

Revenue report
Time period: 01.06.2019 - 01.09.2019

Destination            Month                Revenues
================================================
Reykjavík
                     June                 $29,000.00
                     July                 $26,000.00
                     August               $28,000.00

                     Total                $250,000.00
Nuuk
                     June                 $29,000.00
                     July                 $26,000.00
                     August               $28,000.00

                     Total                $250,000.00
Kulusuk
                     June                 $29,000.00
                     July                 $26,000.00
                     August               $28,000.00

                     Total                $250,000.00
================================================
Total Revenue:                            $750,000.00

-----------------------------------------
What would you like to do?                                              *D-02-02

    1. Print report
    2. Select new time period
    3. Back
```

```
------------Revenue by Employee------------                          *D-03-01
Please select a time period:

    Start date (dd.mm.yy): 01.01.2019
    End date (dd.mm.yy): 31.12.2019

-------------------------------------------

Revenue report
Time period: 01.06.2019 - 01.09.2019

Employee            Month               Revenues
================================================
Ragnar
                    June                $29,000.00
                    July                $26,000.00
                    August              $28,000.00

                    Total               $250,000.00
Callista
                    June                $29,000.00
                    July                $26,000.00
                    August              $28,000.00

                    Total               $250,000.00
Fannar
                    June                $29,000.00
                    July                $26,000.00
                    August              $28,000.00

                    Total               $250,000.00
================================================
Total Revenue:                          $750,000.00

-------------------------------------------
What would you like to do?                                           *D-03-02

    1. Print report
    2. Select new time period
    3. Back
```

```
------------Vehicle utilization------------                          *D-04-01
Please select destination:

    1. All Destinations
    2. Reykjavík
    3. Nuuk
    4. Kulusuk
    5. Þórshöfn
    6. Tingwall
    7. Longyerbyen

-------------------------------------------

Vehicle utilization report

Destination     Number   Registration number       Rate     Brand       Type     Utilization
=============================================================================================
Reykjavík
                1        TJ-921                            Mazda       SUV       78%
                2        TJ-924                            Lexus       SUV       67%
                3        LM-190                            Toyata      Sedan     88%
Nuuk
                1        TJ-921                            Mazda       SUV       98%
                2        TJ-924                            Lexus       SUV       44%
                3        LM-190                            Toyata      Sedan     56%
Kulusuk
                1        TJ-921                            Mazda       SUV       69%
                2        TJ-924                            Lexus       SUV       77%
                3        LM-190                            Toyata      Sedan     92%

-------------------------------------------
What would you like to do?                                          *D-04-02

    1. Print report
    2. Select new time period
    3. Back
```

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```
------------Invoices by customers-----------                          *D-05-01
Please select a time period:

    Start date (dd.mm.yy): 01.01.2019
    End date (dd.mm.yy): 31.12.2019

Please select destination:

    1. All Destinations
    2. Reykjavík
    3. Nuuk
    4. Kulusuk
    5. Þórshöfn
    6. Tingwall
    7. Longyerbyen

--------------------------------------------

Customer Invoices
Destination: All Destinations

Customer Name       SSN                 Registration number     Destination         Amount Due          Status
=================================================================================================================
Arnar Jónsson       xxxxxx-xxxx         TJ-921                  Kulusuk             $450.00             Paid
Brynjar Jónsson     xxxxxx-xxxx         TJ-921                  Reykjavik           $450.00             Due
Jón Jónsson         xxxxxx-xxxx         TJ-921                  Nuuk                $450.00             Due
Jón Jónsson         xxxxxx-xxxx         TJ-921                  Tingwall            $450.00             Cancelled
=================================================================================================================
                                                                        Total       $1,800.00

---------------------------------------------
What would you like to do?                                          *D-05-02

    1. Print report
    2. Select new time period
    3. Back
```

Destinations

```
-----------------Main Menu-------------------
Please select an option by pressing a number

    1. Vehicles
    2. Customers
    3. Contracts
    4. Reports
    5. Destinations                          *E-00
    6. Employees
    7. Exit

-----------------------------------------

-----------------Destinations------------------ *E-00
Please select an option by pressing a number

    1. Create new destination
    2. Select destination
    3. View all destinations
    4. Main Menu

-----------------------------------------

--------------New destination----------------   *E-01
City:
Country:
Airport:
Phone number:
Opening time:
Closing time:

New destination is registered.
-----------------------------------------

--------------Select destination-----------    *E-02
Input city:

2 matches found.

City    Country      Airport    Phone nr.   Opening time   Closing time
=============================================================================
RVK        IS          KEF        VIN NR      24/7              -
RVK        IS          KEF        VIN NR      24/7              -

-----------------------------------------
```

```
---------------Select destination-----------    *E-02
Input city:

2 matches found.

City    Country      Airport    Phone nr.   Opening time   Closing time
================================================================================
RVK        IS          KEF        VIN NR      24/7              -
RVK        IS          KEF        VIN NR      24/7              -

-------------------------------------------

-----------------Edit destination--------------    *E-02-01

City    Country      Airport    Phone nr.   Opening time   Closing time
================================================================================
RVK        IS          KEF        VIN NR      24/7              -
RVK        IS          KEF        VIN NR      24/7              -

    1. City.
    2. Country.
    3. Airport.
    4. Phone nr.
    5. Opening time.
    6. Closing time.

Enter your choice:
City successfully changed.

City    Country      Airport    Phone nr.   Opening time   Closing time
================================================================================
HFJ        IS          KEF        VIN NR      24/7              -

-------------------------------------------

----------Delete destination-------------     *E-02-02

City    Country      Airport    Phone nr.   Opening time   Closing time
================================================================================
RVK        IS          KEF        VIN NR      24/7              -
RVK        IS          KEF        VIN NR      24/7              -

    Are you sure you want to delete this destination (y/n)? :

Destination successfully deleted.

-------------------------------------------
```

----------View all destination-------------   *E-03

City	Country	Airport	Phone nr.	Opening time	Closing time
HFJ	IS	KEF	VIN NR	24/7	-
RVK	IS	KEF	VIN NR	24/7	-
RVK	IS	KEF	VIN NR	24/7	-
RVK	IS	KEF	VIN NR	24/7	-
RVK	IS	KEF	VIN NR	24/7	-

Employees

```
-----------------Main Menu-------------------
Please select an option by pressing a number

    1. Vehicles
    2. Customers
    3. Contracts
    4. Reports
    5. Destinations
    6. Employees                                        *F-00
    7. Exit

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-----------------Employees-------------------
Please select an option by pressing a number

    1. Create new employee                              *F-01
    2. Search employee                                  *F-02
    3. View all employees                               *F-03
    4. Main Menu                                        *F-04

-------------------------------------------

--------------New employee-------------------          *F-01
Employee Name:
SSN Number:
Phone Number:
Mobile Number:
E-mail Address:
Address:
Workplace:
Permission settings:

New employee is registered.
-------------------------------------------

--------------Search employees---------------          *F-02
Please select an option by pressing a number

    1. Search by name
    2. Search by SSN number

-------------------------------------------
```

```
--------------Search employees---------------          *F-02-01
Input the name:

1 match found.

Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
=============================================================================================================================================================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No

    1. Edit employee information.
    2. Delete employee information.
    3. Return.
Enter your choice:
---------------------------------------------

--------------Search employees---------------          *F-02-02
Input the SSN number :

1 match found.

Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
=============================================================================================================================================================
Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No

    1. Edit employee information.
    2. Delete employee information.
    3. Return.
Enter your choice:
---------------------------------------------


 -----------------Edit employee---------------          *F-02-01-01

 Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
 ============================================================================================================================================================
 Jón Steinsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No

     1. Name.
     2. SSN.
     3. Phone nr.
     4. Mobile nr.
     5. E-mail address.
     6. Address.
     7. Workplace.
     8. Permission settings.

 Enter your choice:
 Name successfully changed.

 Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
 ============================================================================================================================================================
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No

 ---------------------------------------------

 --------Delete employee information---------          *F-02-01-02

 Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
 ============================================================================================================================================================
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No


     Are you sure you want to delete this information (y/n)? :

 Employee information successfully deleted.

 ---------------------------------------------

 --------View employee information---------          *F-03

 Customer Name       SSN             Phone nr.       Mobile nr.        E-mail address         Address               Workplace           Permission settings
 ============================================================================================================================================================
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No
 Jón Jónsson       xxxxxx-xxxx     xxx-xxxx        xxx-xxxx          email@email.com       Street 66, 103 City     Country             Yes/No

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```