

L.p	Epic	Description
1	Authorization	
1.1	Registration	We create from the database an account with the role Administrator
1.1	Logging	As a User, I can log into the system by entering my username (email) and password in the appropriate login form
1.2	Password reset	*As a User, I can reset my password by selecting the appropriate function in the login form - I will receive an email with a link to reset my password. After changing the password, I can log back into the portal with the new password*.
2	User management	
2.1	Administrator	As an Administrator, I can manage users in the system. I can add, *delete*, *edit* data of all users (including login and password) and assign them roles (*Administrator*, Trader, Broker). As an Administrator, I have the ability to manage the product catalog, clients, investments and trade offers in the system. As Administrator, I can see all user-created content (clients, investments, offers) and *may delete* them.
2.2	Merchant	As a Trader, I can create trade offers, add clients and investments. As a Trader I can only see my offers, clients and investments, I cannot delete the content I enter, *I can edit it*.
2.3	Broker - company	As a Broker I can create trade offers, add clients, investments and I can traders who work for me - I can create accounts for them in the system. As a Broker I can see my offers, clients, investments and my traders. I cannot delete the content I enter, *I can edit it*.
3	Product Catalogue	
3.1	Directory management	As an Administrator, I can manage the product catalog in the system. As an Administrator, I can add, edit and delete items from the catalog. The product catalog will be equipped with a search engine (search by item name and type).
3.2*	Product Finder*	As an Administrator, I can use the product search engine in the catalog (search by item name and type)

3.3	Product Catalogue	The product catalog includes items such as: Heat pump, DHW tank, Buffer, Dirt separator, CH circulating pump, DHW circulating pump + programmer, SALUS wireless thermostat, Three-way valve, DHW diaphragm vessel, DHW diaphragm vessel, Safety group on the CH beam, Safety group on the DHW beam, Connection of the heat pump with a second heat source, Connection of the DHW tank with an existing solar system, Additional distance between the unit and the boiler room, Construction of an electrical supply to a three-phase PC, Construction of an electrical supply to a single-phase PC, Construction of a foundation for the heat pump unit, WiFi module. In this version, only heat pumps in the product catalog will also have a certain availability (status
		available/not available) in the form of the number of pieces available (0 available = not available)
4	Customer management	
4.1	Customers	As an Administrator, Trader or Broker, I can add a client to the system and edit his data. As an Administrator, I can delete a client - deleting a client also applies to deleting investments assigned to the client.
4.2	Investments	As an Administrator, Trader or Broker, I can add one or many investments under a specific client. In addition to entering the required parameters of the investment, I have the ability to add documents (attach files) to the investment. As an Administrator, I can remove Investments from under customers. As Administrator I can see the parameter "Profitability", which is not visible to Traders and Brokers. The Profitability parameter is calculated as the sum of the profit on each element of the investment.
5	Bid management	
5.1	List of offers	As an Administrator, I can see the full list of offers created for end customers (all offers created in the system, by all users). As a Merchant and Broker, I can see a list of only my offers created for end customers.
5.2	History of changes	As an Administrator, I can see the history of changes made to bids
5.3	Creating an offer	As an Administrator, Trader and Broker, I can create a commercial offer for the customer's investment. Based on the data entered in the Investment, the system itself selects the parameters of the heat pump. I choose the scope of the offer - the pump and other accessories from the product catalog, and enter the other attributes of the offer. Throughout the process, the possibility of manual editing of the entered parameters remains preserved.
5.4	Generating a .pdf offer	As an Administrator, Merchant and Broker, I can generate an offer in .pdf format - the offer will be placed on a universal offer template