Repair service application

Goal:

To develop a web application for accounting for the list of orders of a service repair center.

Primary requirements:

- Adding/editing orders with information about the client (last name, first name, middle name, mobile phone, address), device (type, brand, model, defect, IMEI or serial number, equipment, appearance, password).
- Adding/editing services and spare parts with the cost.
- Add/edit the executor for each order.
- Ability to filter orders by various parameters.
- Search for orders in all fields.

The basic procedure for working with the application:

- The manager creates a new order.
- A page opens for adding or editing an order.
- The default status of the order is "in operation".
- The manager fills out forms - client's information, device information, selects the executor, indicates the deadline, the estimated cost of the repair.
- The manager prints the acceptance certificate of the device and passes it to the client.
- Depending on the stage of repair, the manager changes the status of the order.
- After changing the status to "issued", the manager prints out the certificate of completion and warranty card.

Required Client Information:

- Full Name.
- Phone number for communication.
- Address of residence.
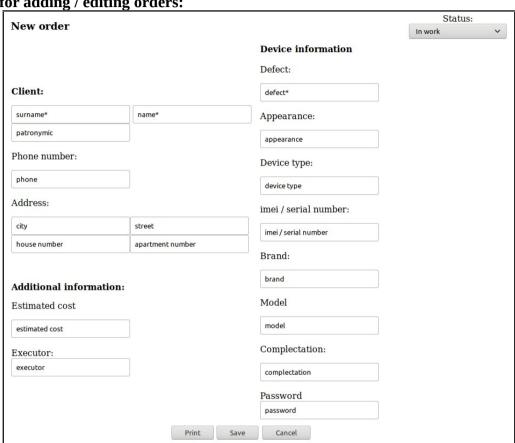
Required device information:

- Type of device.
- IMEI or serial number.
- Manufacturer of the device.
- The model of the device.
- Appearance (presence of visual defects).
- The completeness of the device (the presence of a SIM card, case, etc.).
- Device malfunction (the reason for contacting a service center).
- Password.

Required Order Information:

- Order number (assigned by the database when saving the order).
- Order status.
- Date of creation of the order (set automatically at the time of the creation of the order).
- Deadline for completion of repairs (set by agreement with the client).

- The estimated cost of repairs.
- The actual cost of repair (the cost of spare parts and the cost of services).
- Surname, name, patronymic of the master performing the repair.
- The date when the device was issued to the client (set automatically when the order status changes to "issued").

Window for adding / editing orders:

New order		Status: In work ⌄
		Device information
		Defect:
Client:		[defect*]
[surname*] [name*]		Appearance:
[patronymic]		[appearance]
Phone number:		Device type:
[phone]		[device type]
Address:		imei / serial number:
[city] [street]		[imei / serial number]
[house number] [apartment number]		Brand:
		[brand]
Additional information:		Model
Estimated cost		[model]
[estimated cost]		Complectation:
Executor:		[complectation]
[executor]		Password
		[password]
	Print Save Cancel	

Window displaying the list of orders:

Orders List   [search]   [filter]

order №	status	Deadline	Client	Defect	Device type	Imei or SN	Brand	Model	appearance	complectation	password	total cost
#1 12.12.2019	in work	6d.	Архутик Сергей Иванович +37533033130	не заряжается	смартфон	35735735735733	huawei	p-smart	царапины	сим-карта, чехол	1234	30,00
#2 13.12.2019	ready	0d.	Романюк Александр Николаевич +375297232037	не ловит сеть	смартфон	35735735735732	sony	xperia xz1	потертости, сколы	чехол	4232	40,00

[+ New order]