Press Distribution System WebApp

WMS (Warehouse Management Software)

A web application that facilitates the management (distribution and return) of press products (newspapers and magazines). Also usefull for tracking a publication's available quantity at every stage of it's circulation (the time it is available for sale). Two kinds of users can use it to streamline their daily workflow: the central AGENCY (there is only one but has many users) and a partner DISTRIBUTOR (there are many of them but each one has only one user). From the moment it is received at the central agency, a publication's quantity is tracked through the entire logistics chain.

There are two user roles: AGENCY and DISTRIBUTOR.

- The AGENCY can:

- Create, update and delete <u>publications</u>. The user clicks on the Publications tab and then clicks: Create new. When a publication is created, the following details are inserted: name, distribution date, return date, issue, quantity.
- Create, update, delete <u>distributors</u> and link them to a user. The user clicks on the Distributors tab and then clicks: Create new. When a distributor is created a name is inserted and a selection of an existing user email from a dropdown menu is made.
- Create, update, delete <u>kiosks</u> and link each kiosk to one distributor. The user clicks on the Kiosks tab and then clicks: Create new. When a kiosk is created a name is inserted and a selection of an existing distributor from a dropdown menu is made.

- The DISTRIBUTOR can:

- Create, update and delete <u>distributions</u>. The user clicks on the Kiosks tab, selects the desired kiosk and clicks on the Distribute button. Then a date must be selected through a calendar. After that, a list of publications that are about to be distributed at this date, is displayed. Then a quantity for each publication is inserted and the submit button is pressed.
- Make an entry of the <u>returns</u> (unsold quantity of a publication that is about to be returned to the distributor and then to the central agency). This can be done in the same screen as before, in the box labeled: Returned quantity

Application usage views

• An AGENCY user can make CRUD operations with publications.

List of Publications



Name	ShipmentDate	ReturnDate	Issue				
Καθημερινή	16/6/2024	17/6/2024	50	Distribute	Edit	Details	Delete
Τα Νέα	16/6/2024	17/6/2024	44	Distribute	Edit	Details	Delete

• An AGENCY user can make CRUD operations with distributors.

List of Distributors

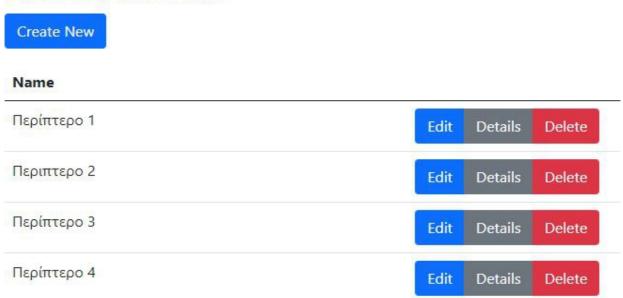


Name

Διανομέας 1 - (distributor1@email.com)	Edit	Details	Delete
Διανομέας 2 - (distributor2@email.com)	Edit	Details	Delete
Διανομέας 3 - (distributor3@email.com)	Edit	Details	Delete

• An AGENCY user can make CRUD operations with kiosks.

List of Kiosks



• An AGENCY user can distribute a certain quantity of a publication to the distributors.

Καθημερινή

Issue no: 50

Available quantity: 40

Distributor	Quantity	
Διανομέας 1	5	
Διανομέας 2	3	
Διανομέας 3	4	

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• A DISTRIBUTOR user can see a list of Kiosks that are included in his distribution network.

From this panel he can:

- Distribute a publication to his cooperating kiosks.
- Edit, delete or see details of a kiosk.



• A DISTRIBUTOR user can select the distribution date and then insert the desired publication quantity to be distributed to a kiosk. He can also record the quantity to be returned (in the box that is labeled: Returned quantity).

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Publication	Distributed Quantity	Returned Quantity
Καθημερινή (50)	1	3
Remaining 5 from 5		
Shipment 16/6/2024, Return 17/6/2024		
Τα Νέα (44)	2	3
Remaining 2 from 2		
Shipment 16/6/2024, Return 17/6/2024		