

# 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 useful for tracking a publication's available quantity at every stage of its 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 publications. 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 distributors 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 kiosks 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 distributions. 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 returns (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

Create New

Name	ShipmentDate	ReturnDate	Issue	
Καθημερινή	16/6/2024	17/6/2024	50	<div>DistributeEditDetailsDelete</div>
Τα Νέα	16/6/2024	17/6/2024	44	<div>DistributeEditDetailsDelete</div>

- An AGENCY user can make CRUD operations with distributors.

List of Distributors

Create New

Name	
Διανομέας 1 - (distributor1@email.com)	<div>EditDetailsDelete</div>
Διανομέας 2 - (distributor2@email.com)	<div>EditDetailsDelete</div>
Διανομέας 3 - (distributor3@email.com)	<div>EditDetailsDelete</div>

- An AGENCY user can make CRUD operations with kiosks.

## List of Kiosks

Create New

Name

Περίπτερο 1

Edit

Details

Delete

Περίπτερο 2

Edit

Details

Delete

Περίπτερο 3

Edit

Details

Delete

Περίπτερο 4

Edit

Details

Delete

- 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

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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.

# List of Kiosks

Name				
Περίπτερο 1		Distribute	Edit	Details Delete
Περίπτερο 3		Distribute	Edit	Details Delete

- 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).

## Περίπτερο 1

Date

06/16/2024

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

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