

# Προγραμματισμός & Συστήματα στον Παγκόσμιο Ιστό Εργαστηριακή Άσκηση Ακαδημαϊκού Έτους 2021 – 2022

Μέλη:

ΔΕΛΗΓΙΑΝΝΗΣ ΓΙΩΡΓΟΣ 1054275

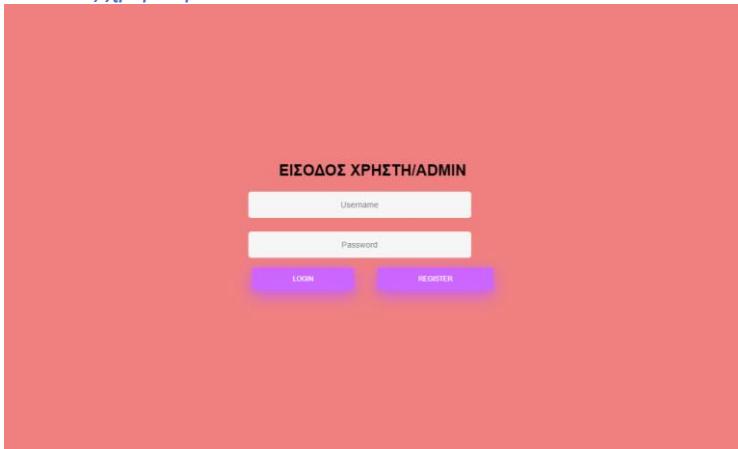
ΜΕΡΑΝΤΖΗΣ ΧΡΗΣΤΟΣ 1070936

ΝΙΑΡΧΑΚΟΣ ΒΑΣΙΛΕΙΟΣ 1058109

Θέμα: Πληθοποιητικά δεδομένα επισκεψιμότητας για έλεγχο διασποράς COVID-19

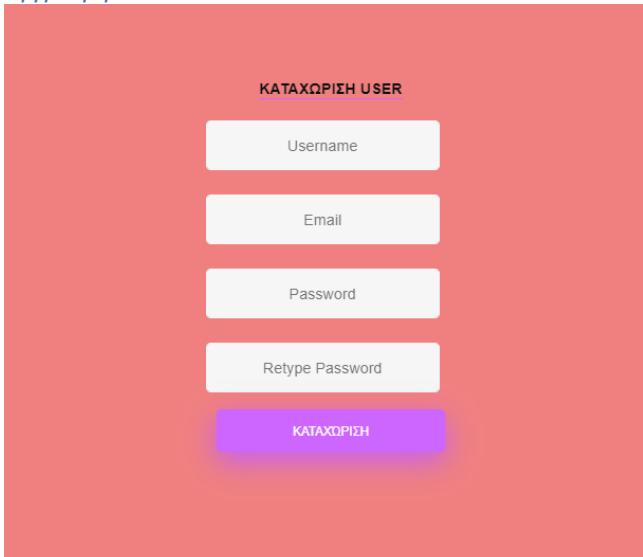
Screenshots συστήματος:

Είσοδος χρήστη:

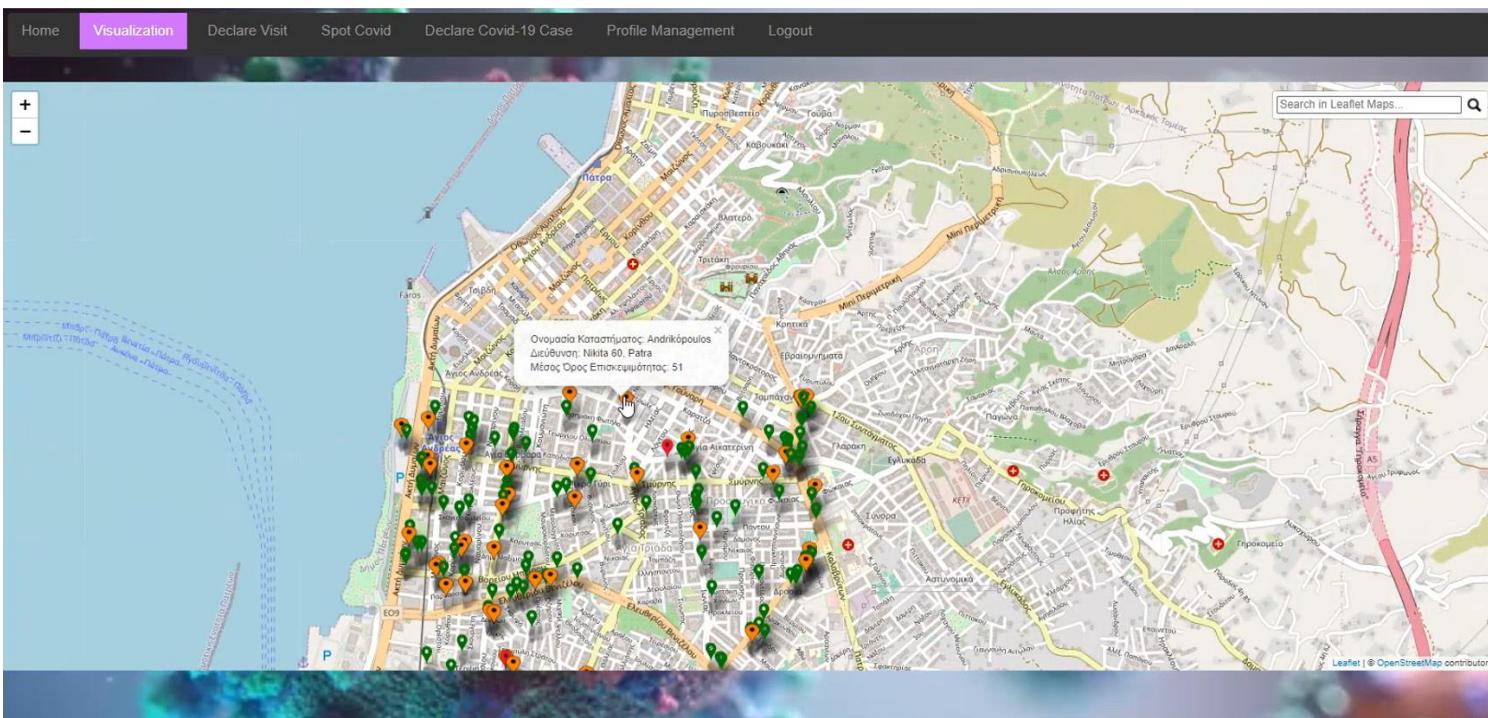


The screenshot shows a login form titled "ΕΙΣΟΔΟΣ ΧΡΗΣΤΗ/ADMIN". It contains two input fields: "Username" and "Password", both with placeholder text. Below the fields are two purple buttons labeled "LOGIN" and "REGISTER".

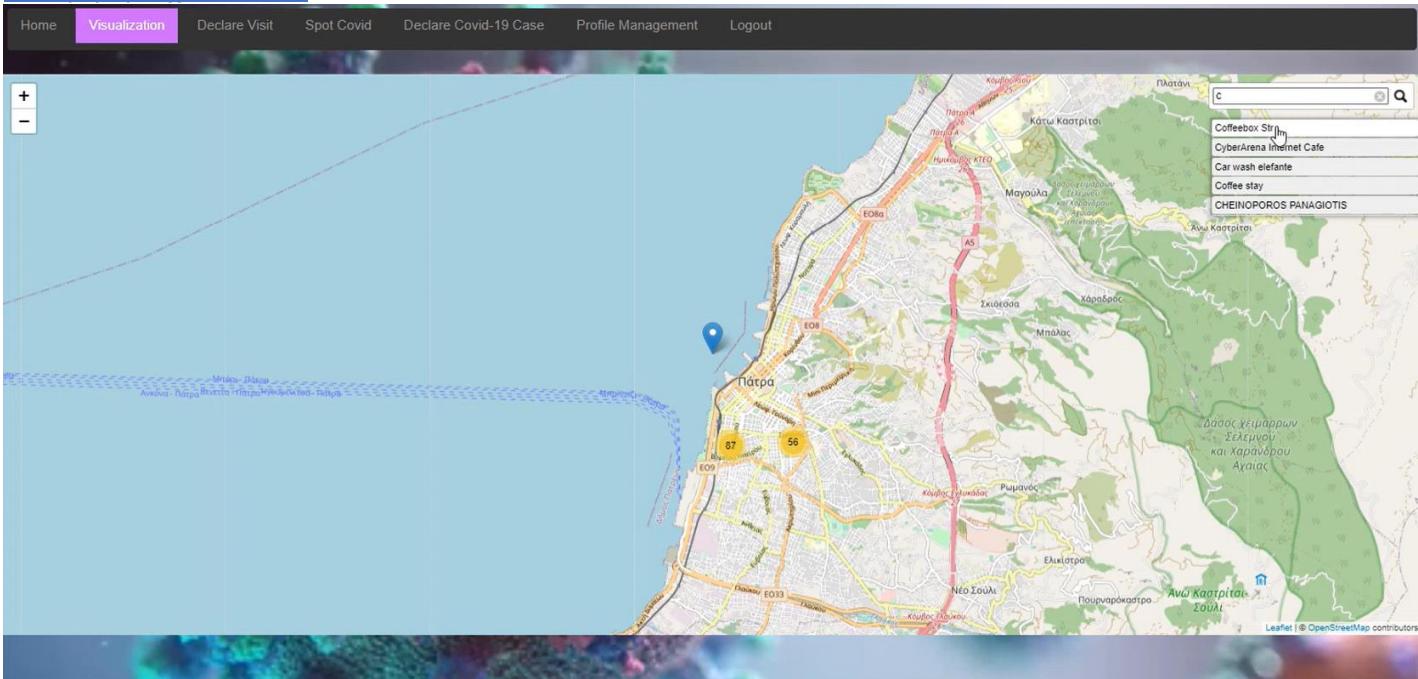
Εγγραφή:

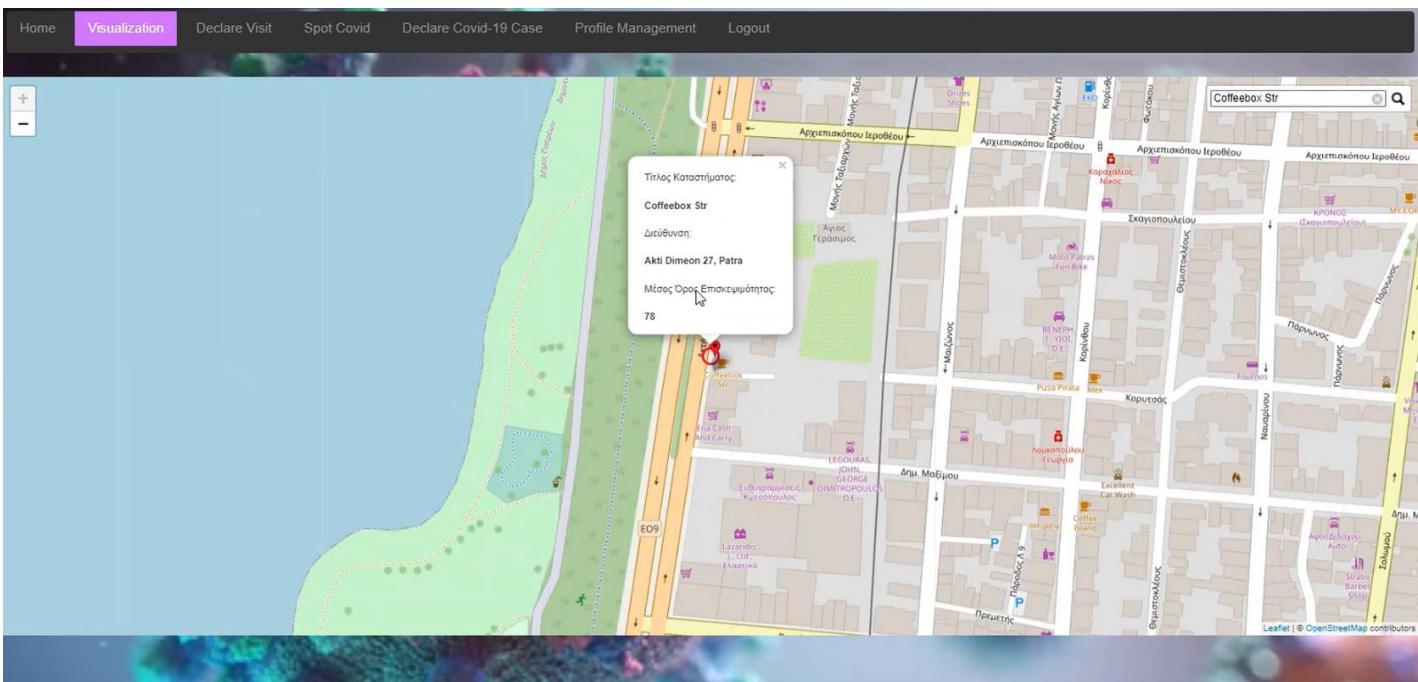


The screenshot shows a registration form titled "ΚΑΤΑΧΩΡΙΣΗ USER". It contains four input fields: "Username", "Email", "Password", and "Retype Password", all with placeholder text. Below the fields is a purple button labeled "ΚΑΤΑΧΩΡΙΣΗ".



### Αναζήτηση Coffeebox Str:





### Δήλωση επίσκεψης:

Home	Visualization	Declare Visit	Spot Covid	Declare Covid-19 Case	Profile Management	Logout
<b>Store Information</b>						
The table lists various establishment names, addresses, and locations. Each row has an 'Upload' button at the end.						
Name	Address	Location				
Αγροτική	Ornida 23, Patra	38.2372055, 21.7399464	<a href="#">Upload</a>			
Αγρός	Kalavriton 32, Patra	38.2356644, 21.7450651	<a href="#">Upload</a>			
Αγρονομικός ΕΦΤΑΣ	Fokeas 49, Patra	38.2364044, 21.7441730	<a href="#">Upload</a>			
ΑΓΡΑΦΑΙΟΥ ΣΙΑΝΗΑΚΟΠΕΙΟΥ Λαϊκός ΚΩΝΣΤΑΝΤΙΝΟΣ	Voulgares 27, Patra	38.2381783, 21.7384529	<a href="#">Upload</a>			
ΑΓΡΑΦΑΙΟΥ ΛΑΪΚΗ ΕΠΙΧΕΙΡΗΣΗ	Dimitriou Gounari 229, Patra	38.2384415, 21.7446495	<a href="#">Upload</a>			
ΑΓΡΑΦΑΙΟΥ ΠΑΝΑΓΙΩΤΗΣ	Charilaou Trikoupi 17, Patra	38.2373123, 21.7302514	<a href="#">Upload</a>			
ΑΓΡΕΝΤΑΕ	Kalavriton 2, Patra	38.2377692, 21.7451893	<a href="#">Upload</a>			
ΑΓΡΟΥ ΑΓΡΟΥ ΦΙΛΙΠΠΩΝ	Akti Dimeon 35, Patra	38.2338066, 21.7251415	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗ	Kalavriton 23, Patra	38.2365685, 21.7460365	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ	Σου Ορειβατικού 10, Patra	38.2387085, 21.7452585	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Korinthou 451, Patra	38.2388763, 21.7285080	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ - Ηδωνέρα	Voulgares 42, Patra	38.238066, 21.7393494	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Akti Dimeon 17, Patra	38.2376823, 21.7259350	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Selefklas 11, Patra	38.2297173, 21.7302189	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Eleftheriou Venizelou 69, Patra	38.2329636, 21.7325020	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Akti Dimeon 27, Patra	38.2349739, 21.7258246	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Akti Dimeon 18, Patra	38.2367897, 21.7259140	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Agiou Ioanni Pratsika 71, Patra	38.2290611, 21.7343502	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Patras	38.2358017, 21.7419395	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Γ. Ποταμούρεου, & Ιωνίου 104, Patra	38.2296486, 21.7412738	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Borisiou Httiprou 170 και, Maizonos, Patra	38.2334671, 21.7267895	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	12, Akti Dimeon 14, Patra	38.2392654, 21.7262650	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Korinthou 358, Patra	38.2293417, 21.7283497	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Mroukaouri 158, Patra	38.2381325, 21.7395636	<a href="#">Upload</a>			
ΑΓΡΟΥΝΗΣ ΑΓΡΟΥΝΗΣ	Dimitriou Gounari 212, Patra	38.2387722, 21.7436714	<a href="#">Upload</a>			

## Δήλωση κρούσματος:

Home Καταστήματα-POI Δήλωση Επίσκεψης Πιθανή Επαφή με Κρούσμα Δήλωση Κρούσματος Προφίλ Logout

ΔΩΣΤΕ ΗΜΕΡΟΜΗΝΙΑ ΔΙΑΓΝΩΣΗΣ ΜΕ COVID-19: 16/09/2022 07:45 Καταδίωση Δήλωσης Κρούσματος.

ΔΩΣΤΕ ΗΜΕΡΟΜΗΝΙΑ ΔΙΑΓΝΩΣΗΣ ΜΕ COVID-19: 16/09/2022 09:50 Καταδίωση Δήλωσης Κρούσματος.

Σεπτέμβριος 2022 ▲ ↓ 07 08 09 10 11  
Δε Τρ Τε Πε Σα Κυ 49  
29 30 31 1 2 3 4 50  
5 6 7 8 9 10 11 51  
12 13 14 15 16 17 18 52  
19 20 21 22 23 24 25 53  
26 27 28 29 30 1 2 54  
3 4 5 6 7 8 9 Διαγραφή Τέλυρο

## Πιθανή επαφή με κρούσμα:

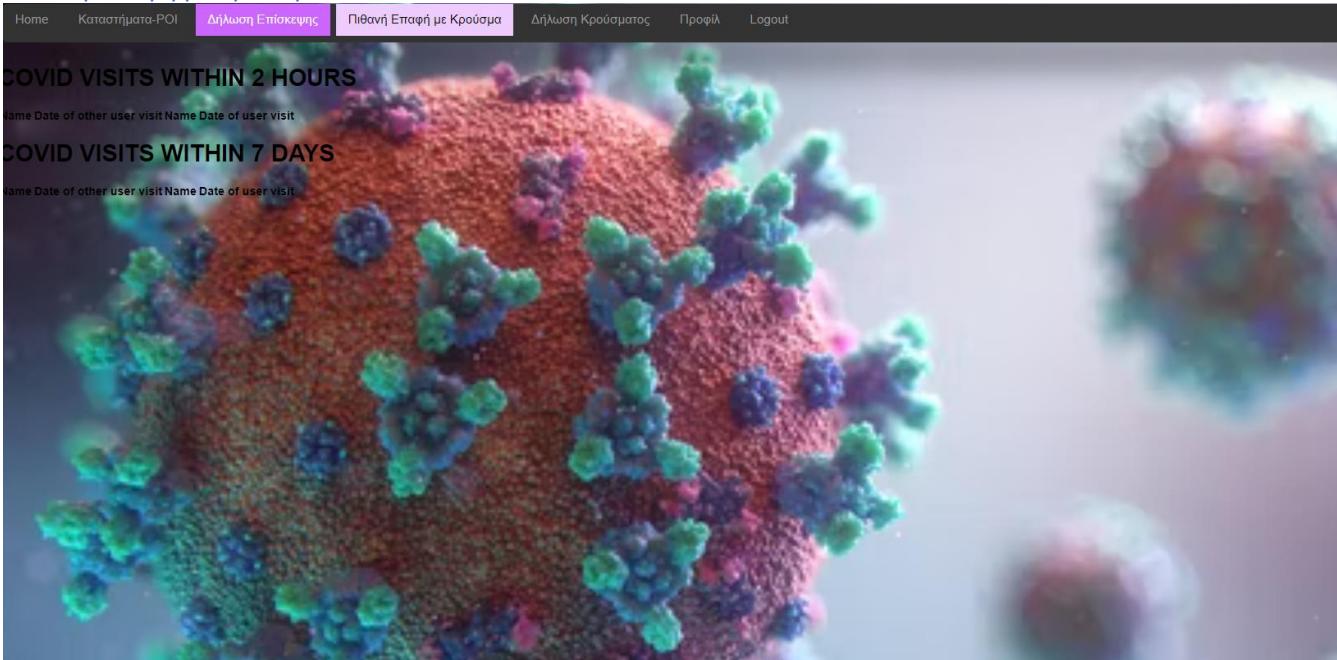
Home Καταστήματα-POI Δήλωση Επίσκεψης Πιθανή Επαφή με Κρούσμα Δήλωση Κρούσματος Προφίλ Logout

### COVID VISITS WITHIN 2 HOURS

Name Date of other user visit Name Date of user visit

### COVID VISITS WITHIN 7 DAYS

Name Date of other user visit Name Date of user visit



# Προφίλ:

Home Καταστήματα-POI Δήλωση Επισκεψης Πιθανή Επαφή με Κρούσμα Δήλωση Κρούσματος Προφίλ Logout

## PROFILE MANAGEMENT

Username...  
Old Password...  
Password...  
Confirm Password...

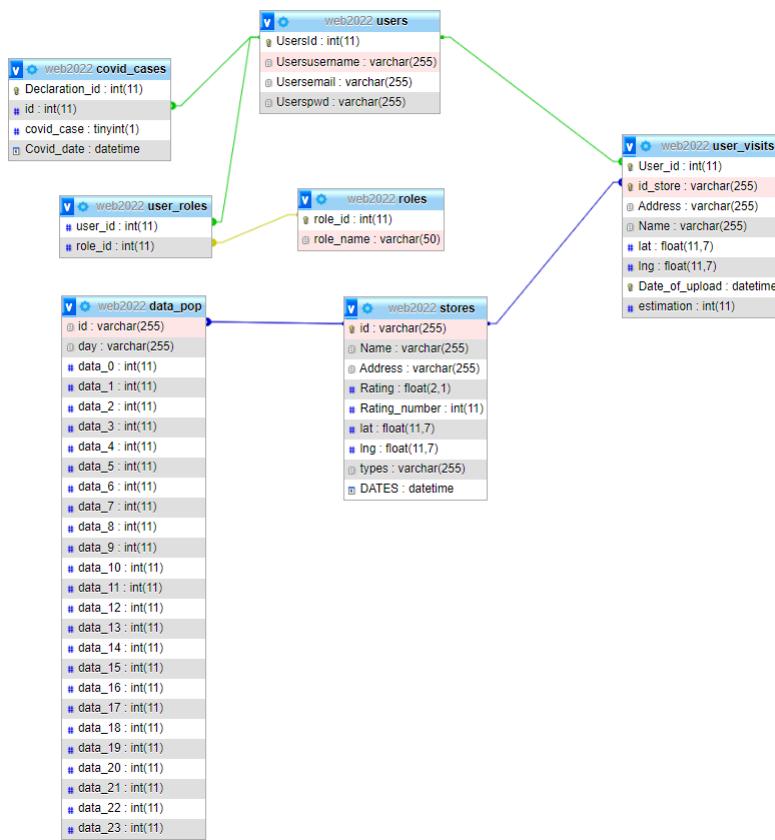
SUBMIT

Covid positive: 0  
Date of Covid: None  
**Name Address Location Date of visit**

## Πίνακες Βάσης Δεδομένων:

Πίνακας	Ενέργεια	Εγγραφές	Τύπος	Σύνθεση	Μέγεθος	Περίσσεια
covid_cases	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	1	InnoDB	utf8_general_ci	32,0 KB	-
data_pop	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	1.498	InnoDB	utf8_general_ci	400,0 KB	-
roles	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	2	InnoDB	utf8_general_ci	16,0 KB	-
stores	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	198	InnoDB	utf8_general_ci	64,0 KB	-
users	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	11	InnoDB	utf8_general_ci	16,0 KB	-
user_roles	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	11	InnoDB	utf8_general_ci	48,0 KB	-
user_visits	Περιήγηση Δομή Αναζήτηση Προσθήκη Άδειασμα Διαγραφή	6	InnoDB	utf8_general_ci	32,0 KB	-
7 πίνακες	Σύνολο	1.727	MyISAM	latin1_swedish_ci	608,0 KB	0 B

↑ Επιλογή όλων Με τους επιλεγμένους:



### 1. Covid\_cases

Είναι ένας πίνακας που αποτελείται από 4 γνωρίσματα: Declaration\_id( id δήλωσης ) , id , και covid\_case - Covid date που αποτελούν τον αριθμό υπόθεσης αλλά και την ημερομηνία που ο χρήστης διαγνώστηκε ως κρούσμα COVID-19.

Declaration_id	id	covid_case	Covid_date
47	221	1	2022-02-23 19:08:00

## 2. data\_pop

Είναι ο πίνακας που σχετίζεται με την ωριά ή επισκεψιμότητα του κάθε καταστήματος, και αποτελείται από 25 ορίσματα. Τα 23 που απαριθμούνται σε data\_0,data\_1 κοκ, αποτελούν τα στοιχεία επισκεψιμότητας κάθε ώρας ενώ το day αφορά την ημέρα και το id είναι το κλειδί που συνδέεται με το κατάστημα.

<u>id</u>	<u>day</u>	<u>data_0</u>	<u>data_1</u>	<u>data_2</u>	<u>data_3</u>	<u>data_4</u>	<u>data_5</u>	<u>data_6</u>	<u>data_7</u>	<u>data_8</u>	<u>data_9</u>	<u>data_10</u>	<u>data_11</u>	<u>data_12</u>	<u>data_13</u>	<u>data_14</u>	<u>data_15</u>	<u>data_16</u>	<u>data_17</u>	<u>data_18</u>	<u>data_19</u>	<u>data_20</u>	<u>data_21</u>	<u>data_22</u>	<u>data_23</u>	
CHU4bvbfRJU33XMRlzlDq9ifFU	Monday	0	0	0	0	0	0	0	0	19	43	56	47	31	23	21	18	16	17	24	30	31	23	13	5	
CHU4bvbfRJU33XMRlzlDq9ifFU	Tuesday	0	0	0	0	0	0	0	0	19	44	59	49	25	14	19	29	28	16	13	29	44	25	5	0	
CHU4bvbfRJU33XMRlzlDq9ifFU	Wednesday	0	0	0	0	0	0	0	0	12	21	32	36	33	24	16	12	15	22	30	33	29	20	11	5	
CHU4bvbfRJU33XMRlzlDq9ifFU	Thursday	0	0	0	0	0	0	0	0	17	23	21	23	28	24	19	16	20	30	37	39	33	21	11	4	
CHU4bvbfRJU33XMRlzlDq9ifFU	Friday	0	0	0	0	0	0	0	0	16	28	39	47	46	37	25	15	7	7	16	30	41	36	23	9	
CHU4bvbfRJU33XMRlzlDq9ifFU	Saturday	0	0	0	0	0	0	0	0	7	16	22	33	66	100	90	46	14	9	25	61	70	45	16	2	
CHU4bvbfRJU33XMRlzlDq9ifFU	Sunday	0	0	0	0	0	0	0	0	0	0	29	49	56	45	27	17	25	47	67	73	59	36	0	0	
CHU759deCg2XMRlcn/pa4dUlg	Monday	0	0	0	0	0	0	0	0	0	0	4	4	8	9	0	0	4	11	20	25	22	13	0		
CHU759deCg2XMRlcn/pa4dUlg	Tuesday	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	4	12	21	23	16	7	0	
CHU759deCg2XMRlcn/pa4dUlg	Wednesday	0	0	0	0	0	0	0	0	0	0	0	12	11	8	9	0	0	13	22	25	20	11	4		
CHU759deCg2XMRlcn/pa4dUlg	Thursday	0	0	0	0	0	0	0	0	0	0	0	8	11	12	0	0	0	17	25	33	32	20	7	0	
CHU759deCg2XMRlcn/pa4dUlg	Friday	0	0	0	0	0	0	0	0	0	0	0	8	8	7	4	0	0	0	12	23	35	49	32	16	0
CHU759deCg2XMRlcn/pa4dUlg	Saturday	0	0	0	0	0	0	0	0	0	0	4	7	11	14	18	22	28	39	56	69	67	49	27	0	
CHU759deCg2XMRlcn/pa4dUlg	Sunday	0	0	0	0	0	0	0	0	0	0	0	13	24	34	39	37	29	25	41	77	100	78	36	9	0
CHU4Rin/g2XMRlcn/pa4dUlg	Monday	0	0	0	0	0	0	0	0	0	15	17	13	15	11	6	3	2	6	14	24	31	28	19	9	
CHU4Rin/g2XMRlcn/pa4dUlg	Tuesday	0	0	0	0	0	0	0	0	0	6	12	16	16	11	5	2	1	4	11	24	35	36	26	13	
CHU4Rin/g2XMRlcn/pa4dUlg	Wednesday	0	0	0	0	0	0	0	0	0	8	14	18	19	16	11	6	3	4	10	23	40	44	59	38	21
CHU4Rin/g2XMRlcn/pa4dUlg	Thursday	0	0	0	0	0	0	0	0	9	14	17	21	20	13	6	3	4	10	29	33	42	43	35	22	
CHU4Rin/g2XMRlcn/pa4dUlg	Friday	0	0	0	0	0	0	0	0	9	13	17	18	16	10	5	2	3	9	20	37	52	56	46	30	
CHU4Rin/g2XMRlcn/pa4dUlg	Saturday	0	0	0	0	0	0	0	0	3	7	12	17	18	16	13	11	15	27	45	68	85	89	79	58	
CHU4Rin/g2XMRlcn/pa4dUlg	Sunday	0	0	0	0	0	0	0	0	1	6	25	52	62	41	16	5	10	34	73	100	89	58	32	18	
CHU4bvbfRJU33XMRlzlDq9ifFU	Monday	0	0	0	0	0	0	0	0	19	43	56	47	31	23	21	18	16	17	24	30	31	23	13	5	
CHU4bvbfRJU33XMRlzlDq9ifFU	Tuesday	0	0	0	0	0	0	0	0	19	42	59	49	25	14	19	29	28	16	13	29	44	25	5	0	
CHU4bvbfRJU33XMRlzlDq9ifFU	Wednesday	0	0	0	0	0	0	0	0	12	21	32	36	33	24	16	12	15	22	30	33	29	20	11	5	
CHU4bvbfRJU33XMRlzlDq9ifFU	Thursday	0	0	0	0	0	0	0	0	17	31	21	27	28	24	18	16	20	30	37	39	33	21	11	4	

## 3. roles

Εδώ έχουμε έναν πίνακα που ουσιαστικά ταξινομεί τον ρόλο κάθε χρήστη με τιμές, όπου όταν η τιμή είναι '0' αντιστοιχεί σε πελάτη και όταν η τιμή είναι '1' σε admin.

<u>role_id</u>	<u>role_name</u>
0	client
1	admin

## 4. stores

Αυτός ο πίνακας αναφέρεται στα καταστήματα και αποτελείται από 9 γνωρίσματα.

- το id που είναι ξεχωριστό για κάθε κατάστημα,
- το name που αναφέρεται στο όνομα της επιχείρησης,
- την address που αναφέρεται στην διεύθυνση
- το Rating που είναι η αξιολόγηση από τους πελάτες
- το Rating\_number που αφορά την επισκεψιμότητα
- τα lat,lng που δηλώνουν τις γεωγραφικές συντεταγμένες
- τα types που δηλώνει τον τύπο του σημείου ενφιαφέροντος (πχ αρτοποιείο,καφετέρια)
- και τα DATES που είναι η ημερομηνία

<u>id</u>	<u>Name</u>	<u>Address</u>	<u>Rating</u>	<u>Rating_number</u>	<u>lat</u>	<u>lng</u>	<u>types</u>	<u>DATES</u>
2134	Afrotonios Pavlopoulos since 1912	Stratigou Makrigianni 78, Moschato	4.2	121	48.5405922	2.6587501	bakery,food,point_of_interest,store,establishment	2021-12-30 14:37:17
CHU-R-BB82XMRl035747-GY	Hippotali	Ionia 23, Patra	4.6	69	38.2372055	21.7399464	pet_store,point_of_interest,store,establishment	2021-12-30 14:24:32
CHU-QpV0hK8oRORgRls8-beTEK	Babis Bakery	Stratigou Makrigianni 48, Moschato	4.5	152	37.9484711	23.8780344	bakery,food,point_of_interest,store,establishment	2021-12-30 14:37:12
CHU-TKyMrn02XMRl7X9WfTjP1	Eurobank	Kalivritou 32, Patra	3.3	23	38.2356644	21.7460651	bank,atm,finance,point_of_interest,establishment	2021-12-30 14:24:32
CHU404Xrn-ZDZ0HMRovB8-Wc0cg	Building Cleaning - ESTIA	Gkefalou 49, Patra	4.6	25	38.2364048	21.7460551	home_goods_store,point_of_interest,store,establishment	2021-12-30 14:24:32
CHU04yHMrn2XMRlRe5ySvJ0gJSs	DERMATOLOGOS GIANNAKAKOPOULOS Patras	Voulgarou 27, Patra	2.3	9	38.2318452	21.7384529	doctor,health,point_of_interest,establishment	2021-12-30 14:24:32
CHUJ0RAP0JU0MPr0e-nNN13X9a	Moto Shop Stathis Andreou	Dimitriou Gounari 229, Patra	4.6	51	38.2384415	21.7446499	car,repair,point_of_interest,establishment	2021-12-30 14:24:32
CHUJ0W9552XMRl0JpRl2cXKE	CHENOPOROS PANAGIOTIS	Charilaou Trikoupi 17, Patra	5.0	4	38.2373123	21.7302914	health,point_of_interest,store,establishment	2021-12-30 14:24:32
CHUJ0bg-4BjXMRlDg2zcpu84	ZE/EXKT AE	Kalivritou 2, Patra	4.4	115	38.2377802	21.7451992	shopping_mall,point_of_interest,establishment	2021-12-30 14:24:32
CHUJ0jyP99yv3XMRlRul-pgrpb104	GroupTime Fitness	Aliko Dimeon 35, Patra	5.0	92	38.2338690	21.7251451	gym,health,point_of_interest,establishment	2021-12-30 14:24:32
CHU17ehn2XMRlPeEnpMc	Kafeletou	Kalivritou 32, Patra	4.3	213	38.2365655	21.7460395	point_of_interest,establishment	2021-12-30 14:24:32
CHU1L1SOJU0XMRlrg2z5b2KNr	Coffeebands	3ou Orievaltiko 10, Patra	4.3	82	38.2380705	21.7425533	cafe,food,point_of_interest,store,establishment	2021-12-30 14:24:32
CHU24BVMrn36nQRQD9-pZpng	Private Personal Training Club	Thermonpoli 36, Moschato	4.8	185	37.9529693	23.6788425	gym,health,point_of_interest,establishment	2021-12-30 14:37:12
CHU24Knlgl3XMRl_0Bjv97PKE	Chrysanthopoulou - idiotropo	Korinthou 451, Patra	4.5	11	38.2388763	21.7395080	furniture_store,home_goods_store,point_of_interest	2021-12-30 14:24:32
CHU34_HOBjXMRl7m72Rf3o	Hardwarestore gr Xpiaousomoulo	Voulgarou 42, Patra	4.9	8	38.2300066	21.7394394	store,point_of_interest,establishment	2021-12-30 14:24:32
CHU3X9pQ03C8R0R0493e0LgF1M	Piazza	Stafylos Makrigianni 99, Moschato	4.2	684	37.9518289	23.6788311	restaurant,food,point_of_interest,establishment	2021-12-30 14:37:12
CHU4bvbfRJU33XMRlzlDq9ifFU	Flocafe	Aliko Dimeon 17, Patra	4.1	246	38.2376821	21.7295308	cafe,food,point_of_interest,establishment	2021-12-29 13:33:33
CHU4s-Sv5s-0vNMRlZp4UgNSQg	Black Fox	Makronisi 30, Patra	5.0	50	38.2499304	21.7391396	cafe,food,point_of_interest,establishment	2021-12-30 14:24:42
CHU4s-wc3X0nMRlRp0jDhDvr	Paris house 1	Selikas 11, Patra	4.0	1	38.2297173	21.7302169	lodging,point_of_interest,establishment	2021-12-30 14:24:32
CHU6-947SMXMRlB9s6dkE	Agioklo Envia/βάσις	Eleftheriou Venizelou 69, Patras	4.4	209	38.2329636	21.7325020	bedroom,hotel,point_of_interest,store,establishment	2021-12-30 14:24:32
CHUX4ED-T596R0R06aZLDR-10	Smoke Power	Stafylos Makrigianni 65, Moschato	4.7	56	37.9482995	23.6780015	point_of_interest,establishment	2021-12-30 14:37:12
CHUJ70WQR3K6QRlR9LgDlBQnQ	Colosse	Stafylos Makrigianni 40, Moschato	4.5	94	37.9480209	23.6779308	restaurant,food,point_of_interest,establishment	2021-12-30 14:37:12
CHUJ71WQRlM82XMRkx49v7PSal	Coffeebox Str	Aliko Dimeon 17, Patra	4.3	124	38.2349773	21.7253246	cafe,food,point_of_interest,establishment	2021-12-30 14:24:32
CHUJ759deCg2XMRlRul-pgrpb104	Petite Boutique	Aliko Dimeon 18, Patra	4.4	413	38.2378757	21.7259140	cafe,restaurant,food,point_of_interest,establishment	2021-12-29 13:33:33
CHUJ88KULCM2XMRlxg7TKQK9-s	La Tarte Zaxoropoulou	Agiou Ioann Pratsika 71, Patra	4.6	103	38.2290611	21.7343502	shopping_mall,food,point_of_interest,store,establishment	2021-12-30 14:24:32

## 5. users

Στον πίνακα users εμφανίζονται όλοι οι χρήστες του συστήματος με τα χαρακτηριστικά τους: UserID (Id χρήστη), Usersusername (ψευδώνυμο χρήστη), Usersemail (email χρήστη) και Userspwd (κωδικός πρόσβασης χρήστη)

Usersid	Usersusername	Usersemail	Userspwd
210	up1054331	ntou@gmail.com	\$2y\$10\$scfP9KvVsIP6ON uZXZ69uBF9Gr76J/2kjUzmfjWR...
211	ntoualkis	ntoualkis@yahoo.com	\$2y\$10\$3hVEN1ALwsIR/uzaZStbkUze 6qgHi7rONBPeAuO69...
215	orestis	orestis@gmail.com	\$2y\$10\$XD1RukxTcUV/muyqc Tb.jX9dEqlypfsp3uuxO8uc...
216	evripidis	evripidis@gmail.com	\$2y\$10\$8E5iVvnx1ePgS6GMtsR0iMISL LgyxDoeRxkUL...
220	testuser	test@test.com	\$2y\$10\$u1Lv8UN5Eq95MeoGHzygAehUrdWSAiKoYvd75hMyPo...
221	nikos	nik@nik.com	\$2y\$10\$uYEDOF3xa.B1bhyljDOVTKnpxOXhhYenQ3bT27v1l...
224	7days	test@test.test	\$2y\$10\$z569KD_czaqEtrema8TLib7OIHSbwZyfYPIAf2o...
225	2hours	2@hours.org	\$2y\$10\$w8LUsvd.CpCE3a7vcqZOC.7g8q8cfy07eCopqKSYsr...
227	ermis	ermis@aol.com	\$2y\$10\$hv.Fm3ISGtWslMhgpnqRIOi3UxAWVt44hK6sdjFmrqj...
232	antonis	antonis@gmail.com	\$2y\$10\$SfsUUpq5SzTV954KdNdezHXogCoqFTzAPMZY91G0...
233	Xristos	xristos@gmail.com	\$2y\$10\$6m5jTUjOGYebRq0bcmRPbNOPwOlJP62HZeN.nYOIkL...

## 6. user roles

Ο πίνακας αυτός παρουσιάζει τον ρόλο κάθε χρήστη (0 για client, 1 για admin), και έχει σαν γνώρισμα το user\_id και το role\_id.

user_id	role_id
210	0
211	1
215	0
216	0
220	0
221	0
224	0
225	0
227	0
232	0
233	0

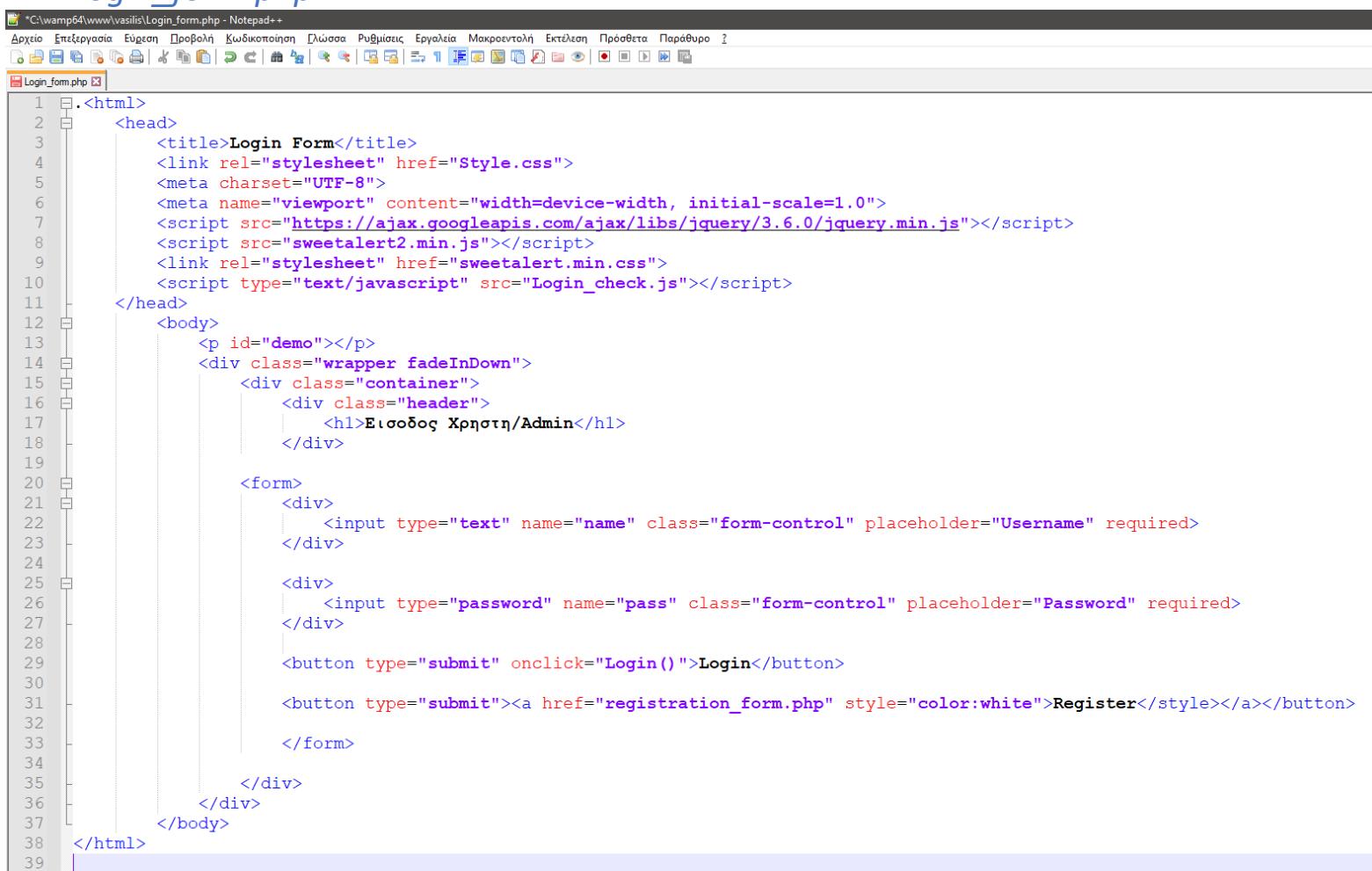
## 7. user visits

Ο πίνακας αυτός οφείλεται στην δυνατότητα του χρήστη να καταχωρεί την επίσκεψή του. Εδώ απεικονίζονται οι επισκέψεις των χρηστών (δηλωμένες από τους ίδιους με την συναίνεση τους), τα καταστήματα που επισκέφτηκαν με τα χαρακτηριστικά τους ( διεύθυνση , γεωγραφικές συντεταγμένες) αλλά και ένα νέο γνώρισμα που είναι το estimate (εκτίμηση) όπου εδώ ο χρήστης καταχωρεί την προσωπική του εκτίμηση όσων αφορά το πλήθος ατόμων στο σημείο.

User_id	id_store	Address	Name	lat	lng	Date_of_upload	estimation
221	ChIJ-f8_0B82XhMRGO3574T-GbY	Ionias 23, Patra	Happytails	38.2372055	21.7399464	2022-02-20 19:00:00	13
221	ChIJ-f8_0B82XhMRGO3574T-GbY	Ionias 23, Patra	Happytails	38.2372055	21.7399464	2022-02-25 11:24:24	14
224	ChIJ-f8_0B82XhMRGO3574T-GbY	Ionias 23, Patra	Happytails	38.2372055	21.7399464	2022-02-23 19:06:29	2
225	ChIJ-f8_0B82XhMRGO3574T-GbY	Ionias 23, Patra	Happytails	38.2372055	21.7399464	2022-02-20 19:07:31	4
232	ChIJ-f8_0B82XhMRGO3574T-GbY	Ionias 23, Patra	Happytails	38.2372055	21.7399464	2022-02-25 11:27:39	25
227	ChIJ-TKYmx02XhMRhtJ7X9WTjPI	Kalavriton 32, Patra	Eurobank	38.2356644	21.7460651	2022-02-23 19:35:09	30

## Screenshot κωδικών:

### Login\_form.php



The screenshot shows the Notepad++ application window with the file 'Login\_form.php' open. The code is a PHP script for a login form. It includes HTML for the layout, CSS classes for styling, and JavaScript for handling user input and validation.

```
1 <html>
2     <head>
3         <title>Login Form</title>
4         <link rel="stylesheet" href="Style.css">
5         <meta charset="UTF-8">
6         <meta name="viewport" content="width=device-width, initial-scale=1.0">
7         <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
8         <script src="sweetalert2.min.js"></script>
9         <link rel="stylesheet" href="sweetalert.min.css">
10        <script type="text/javascript" src="Login_check.js"></script>
11    </head>
12    <body>
13        <p id="demo"></p>
14        <div class="wrapper fadeInDown">
15            <div class="container">
16                <div class="header">
17                    <h1>Εισόδος Χρηστη/Admin</h1>
18                </div>
19
20                <form>
21                    <div>
22                        <input type="text" name="name" class="form-control" placeholder="Username" required>
23                    </div>
24
25                    <div>
26                        <input type="password" name="pass" class="form-control" placeholder="Password" required>
27                    </div>
28
29                    <button type="submit" onclick="Login()">Login</button>
30
31                    <button type="submit"><a href="registration_form.php" style="color:white">Register</a></button>
32
33                </form>
34
35            </div>
36        </div>
37    </body>
38 </html>
```

## Login backend.php

The screenshot shows the Notepad++ interface with the file `Login_backend.php` open. The code implements a login backend using PHP and MySQL. It starts with session initialization, includes a connector, and checks if the request method is POST. It then retrieves user credentials from the POST array, performs a query to find the user in the database, and checks if the password is valid using `password_verify`. If successful, it sets session variables for client ID, name, and logged-in status, and retrieves the user's role. It then outputs the role or an error message. If the user is not found or the password is incorrect, it outputs an error message. The code ends with a closing PHP tag.

```
1 <?php
2     session_start(); //$_SESSION[]
3
4     include 'Connector.php';
5
6     if ($_SERVER["REQUEST_METHOD"] == "POST")
7     {
8         $username=$_POST["username"];
9         $password=$_POST["password"];
10
11        $res = mysqli_query($db, "SELECT * FROM users WHERE Usersusername = '$username'");
12
13        if (mysqli_num_rows($res) === 1)
14        {
15            $row = mysqli_fetch_assoc($res);
16
17            if(password_verify($password,$row['Userspwd']))
18            {
19                $_SESSION['client_id'] = $row['UserId'];
20                $_SESSION['name'] = $username;
21                $_SESSION['loggedin'] = true;
22
23                $client_id = $_SESSION['client_id'];
24
25                $role_result = mysqli_query($db,"SELECT role_id FROM user_roles WHERE user_id = '$client_id' ");
26                $role = mysqli_fetch_array($role_result);
27
28                $_SESSION['role'] = $role['role_id'];
29
30                if($role['role_id'] == 0)
31                    echo "user";
32                else
33                    echo "admin";
34            }
35            else
36                echo "Wrong Password";
37        }
38        else
39            echo "Wrong Username";
40    }
41
42 ?>
```

## logout.php

The screenshot shows the Notepad++ interface with the file `logout.php` open. The code uses PHP to destroy the session, unset session variables for username and logged-in status, set a message indicating logout, and redirect the user back to the login form.

```
1 <?php
2     session_destroy();
3     unset($_SESSION['username']);
4     unset($_SESSION['loggedin']);
5     $_SESSION['message']="You are now logged out";
6     header("location:Login_form.php");
7
8 ?>
```

## Registration\_form.php

C:\wamp64\www\vasilis\Registration\_form.php - Notepad++

Αρχειο Επεξεργασια Εύρεση Προβολή Κωδικοποίηση Διώσσα Ρυθμίσεις Εργαλεια Μακροεντολή Εκτέλεση Πρόσθετα Παράθυρο ?

Registration\_form.php

```
1 <html>
2     <head>
3         <title>Registration Form</title>
4         <link rel="stylesheet" href="Style.css">
5         <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
6         <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
7         <script src="sweetalert2.min.js"></script>
8         <link rel="stylesheet" href="sweetalert.min.css">
9
10        <script type="text/javascript" src="Registration_check.js"></script>
11        <style>
12            ...
13            html {
14                background-color: #F08080;
15            }
16
17            body {
18                margin: 0;
19                padding: 0;
20                background: url(bg.jpg);
21                background-size: cover;
22                font-family: sans-serif;
23            }
24            a {
25                color: #E9967A;
26                display:inline-block;
27                text-decoration: none;
28                font-weight: 400;
29            }
30            h2 {
31                text-align: center;
32                font-size: 16px;
33                font-weight: 600;
34                text-transform: uppercase;
35                display:inline-block;
36                margin: 40px 8px 10px 8px;
37                color: #0d0d0d;
38                border-bottom: 2px solid #cc66ff;
39            }
40
41            h1 {
42                text-align: center;
43                font-size:30px;
44                text-transform: uppercase;
45                margin: 40px 8px 10px 8px;
46            }
47
48            .wrapper {
49                display: flex;
50                align-items: center;
51                flex-direction: column;
52                justify-content: center;
53                width: 100%;
54                min-height: 100%;
55                padding: 20px;
56            }

```

```
51    flex-direction: column;
52    justify-content: center;
53    width: 100%;
54    min-height: 100%;
55    padding: 20px;
56  }
57 .user{
58   width: 100px;
59   height: 100px;
60   border-radius: 50%;
61   overflow: hidden;
62   position: absolute;
63   top: calc(-10px/2);
64   left: calc(50% - 50px);
65 }
66
67
68 #formContent {
69   position: absolute;
70   top: 50%;
71   left: 50%;
72   transform: translate(-50%,-50%);
73   margin-top: 300px;
74   width: 350px;
75   height: 522px;
76   padding: 50px;
77   border-radius: 10px;
78   box-sizing: border-box;
79   background: rgba(0,0,0,.5);
80 }
81
82 #formFooter {
83   background-color:#f6f6f6;
84   border-top: 1px solid #dce8f1;
85   width: 260px;
86   height: 100px;
87   padding: 20px;
88   text-align: center;
89   -webkit-border-radius: 0 0 10px 10px;
90   border-radius: 0 0 10px 10px;
91 }
92
93 button[type=submit]  {
94   background-color: #cc66ff;
95   border: none;
96   color: white;
97   padding: 15px 80px;
98   text-align: center;
99   text-decoration: none;
100  display: inline-block;
101  text-transform: uppercase;
102  font-size: 13px;
103  -webkit-box-shadow: 0 10px 30px 0
104  rgba(95,186,233,0.4);
105  box-shadow: 0 10px 30px 0 rgba(195, 95, 2330.4);
106  -webkit-border-radius: 5px 5px 5px 5px;
```

```
101     text-transform: uppercase;
102     font-size: 13px;
103     -webkit-box-shadow: 0 10px 30px 0
104     rgba(95,186,233,0.4);
105     box-shadow: 0 10px 30px 0 rgba(195, 95, 233, 0.4);
106     -webkit-border-radius: 5px 5px 5px 5px;
107     border-radius: 5px 5px 5px 5px;
108     margin: 5px 20px 40px 20px;
109     -webkit-transition: all 0.3s ease-in-out;
110     -moz-transition: all 0.3s ease-in-out;
111     transition: all 0.3s ease-in-out;
112 }
113
114 button[type=submit]:hover {
115     background-color: #ecccff;
116 }
117
118 input[type=text] , input[type=password] , input[type=email]{
119     background-color: #f6f6f6;
120     border: none;
121     color: #0d0d0d;
122     padding: 15px 32px;
123     text-align: center;
124     text-decoration: none;
125     display: inline-block;
126     font-size: 16px;
127     margin: 13px;
128     width: 85%;
129     border: 2px solid #f6f6f6;
130     -webkit-transition: all 0.5s ease-in-out;
131     -moz-transition: all 0.5s ease-in-out;
132     transition: all 0.5s ease-in-out;
133     -webkit-border-radius: 5px 5px 5px 5px;
134     border-radius: 5px 5px 5px 5px;
135 }
136
137 input[type=text]:focus , input[type=password]:focus{
138     background-color: #fff;
139     border-bottom: 2px solid #5fbae9;
140 }
141
142 input[type=text]:placeholder , input[type=password]:placeholder {
143     color: #cccccc;
144 }
145
146
147
148
149
150 .fadeInDown {
151     -webkit-animation-name: fadeInDown;
152     animation-name: fadeInDown;
153     -webkit-animation-duration: 1s;
154     animation-duration: 1s;
155     -webkit-animation-fill-mode: both;
156     animation-fill-mode: both;
```

```

Registration_form.php

151     -webkit-animation-name: fadeInDown;
152     animation-name: fadeInDown;
153     -webkit-animation-duration: 1s;
154     animation-duration: 1s;
155     -webkit-animation-fill-mode: both;
156     animation-fill-mode: both;
157 }
158
159 @-webkit-keyframes fadeInDown {
160     0% {
161         opacity: 0;
162         -webkit-transform: translate3d(0, -100%, 0);
163         transform: translate3d(0, -100%, 0);
164     }
165     100% {
166         opacity: 1;
167         -webkit-transform: none;
168         transform: none;
169     }
170 }
171
172 @keyframes fadeInDown {
173     0% {
174         opacity: 0;
175         -webkit-transform: translate3d(0, -100%, 0);
176         transform: translate3d(0, -100%, 0);
177     }
178     100% {
179         opacity: 1;
180         -webkit-transform: none;
181         transform: none;
182     }
183 }
184
185 *:focus {
186     outline: none;
187 }
188
189 #icon {
190     width: 60%;
191 }
192
193 * {
194     box-sizing: border-box;
195 }
196
197 </style>
198 </head>
199
200 <body>
201     <div class="wrapper fadeInDown">
202         <div class="container">
203             <h2>Καταχώριση User</h2>
204
205             <div>
206                 <input type="text" class="form-control" name="name" placeholder="Username" required>

```

PHP Hypertext Preprocessor file  
C:\wamp64\www\vasilis\Registration\_form.php - Notepad++

Αρχείο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Δώσσα Ρυθμίσεις Εργαλεία Μακροντολή Εκτέλεση Πρόσθιτα Παράθυρο ?  
File Edit View Insert Tools Options Help

```

Registration_form.php

201 <div class="container">
202     <h2>Καταχώριση User</h2>
203
204     <div>
205         <input type="text" class="form-control" name="name" placeholder="Username" required>
206
207     <div>
208         <input type="text" class="form-control" name="email" placeholder="Email" required>
209
210     <div>
211         <input type="password" class="form-control" name="pass" placeholder="Password" required>
212
213     <div>
214         <input type="password" class="form-control" name="repeat_pass" placeholder="Retype Password" required>
215
216
217     <button type="submit" name="reg_user" onclick = "register_user()">Καταχώριση</button>
218
219
220     </form>
221
222     </div>
223     </div>
224     </div>
225
226     </body>
227
228
229
230
231
232
233

```

## Registration\_backend.php

```
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 $username=$_POST["username"];
7 $email=$_POST["email"];
8 $password1=$_POST["password"];
9
10 $user_check="SELECT Usersusername,Usersemail FROM users WHERE Usersusername = '$username' or Usersemail = '$email' ";
11 $query = mysqli_query($db,$user_check);
12
13
14 if(mysqli_num_rows($query) != 0)
15 echo 1;
16
17 else
18 {
19
20     $pwd= password_hash($password1,PASSWORD_DEFAULT);
21
22     mysqli_query($db,"INSERT INTO users(Usersusername,Usersemail,Userspwd) VALUES ('$username','$email','$pwd')");
23
24     $result_1 = mysqli_query($db,"SELECT UserId from users WHERE Usersusername = '$username'");
25
26     while($row = mysqli_fetch_array($result_1))
27     {
28         $id = $row['UserId'];
29         mysqli_query($db, "INSERT INTO user_roles VALUES('$id','0')");
30     }
31
32     echo 0;
33
34 }
35
36
37 ?>
```

## Connector.php

```
1 <?php
2 $db = mysqli_connect("localhost","root","","web2022")
3 ?>
4
```

# Visualization.php

```
1 <?php include 'header.php'?>
2
3     <head>
4         <style>
5             #map { height: 700px; width: 100%; align: "center"; }
6             input:invalid {
7                 border: 3px solid red;
8             }
9         </style>
10    </head>
11    <body>
12        <div class="scrollmenu">
13            <a href="index.php">Home</a>
14            <a href="Visualization.php">Καταστήματα-POI</a>
15            <a class="active" href="Declare_visit.php">Δήλωση Επίσκεψης</a>
16            <a href="covid_visit.php">Πιθανή Επαφή με Κρούσμα</a>
17            <a href="Declare_Covid.php">Δήλωση Κρούσματος</a>
18            <a href="Profile_Management.php">Προφίλ</a>
19            <a href="logout.php">Logout</a>
20        </div>
21
22
23        <div id= "map"></div>
24
25    </body>
26    <script>
27
28        var markers_array = [];
29
30        function calculate(array)
31        {
32            var arraySum = array.reduce(function (a, b) { return a + b; }, 0);
33            return arraySum / array.length;
34        }
35
36        var date = new Date();
37        var today = date.toLocaleString('en-us', {weekday: 'long'});
38
39        var marker_layer = new L.layerGroup();
40
41        const markerCluster = L.markerClusterGroup({
42            chunkedLoading: true,
43            disableClusteringAtZoom:15,
44            spiderfyOnMaxZoom: true
45        });
46
47
48        var map = new L.Map('map', {
49            center: new L.LatLng(38.246361, 21.734966),
50            zoom: 15
51        })
52
53        const attribution = '&copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors';
```

PHP Hypertext Preprocessor file

C:\wamp64\www\vasilis\Visualization.php - Notepad++

Αρχείο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Διάσασα Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Προθετικά Παράθυρο ?

Visualization.php

```
51    })
52
53    const attribution = '©copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors';
54    const tileUrl = 'https://s.tile.openstreetmap.org/{z}/{x}/{y}.png';
55    const tiles = L.tileLayer(tileUrl, {
56        attribution
57    });
58
59    tiles.addTo(map);
60    map.addLayer(marker_layer);
61    map.addLayer(markerCluster);
62
63    var greenIcon = L.icon({
64        iconUrl: 'images/green-marker.png',
65        shadowUrl: 'https://unpkg.com/leaflet@1.4.0/dist/images/marker-shadow.png',
66        iconSize: [29, 24],
67        iconAnchor: [9, 21],
68        popupAnchor: [0, -14]
69    });
70
71
72    var orangeIcon = L.icon({
73        iconUrl: 'images/orange-marker.png',
74        shadowUrl: 'https://unpkg.com/leaflet@1.4.0/dist/images/marker-shadow.png',
75        iconSize: [29, 24],
76        iconAnchor: [9, 21],
77        popupAnchor: [0, -14]
78    });
79
80
81    var redIcon = L.icon({
82        iconUrl: 'images/red-marker.png',
83        shadowUrl: 'https://unpkg.com/leaflet@1.4.0/dist/images/marker-shadow.png',
84        iconSize: [29, 24],
85        iconAnchor: [9, 21],
86        popupAnchor: [0, -14]
87    });
88
89
90    var blueIcon = L.icon({
91        iconUrl: 'images/blue-marker.png',
92        shadowUrl: 'https://unpkg.com/leaflet@1.4.0/dist/images/marker-shadow.png',
93        iconSize: [29, 24],
94        iconAnchor: [9, 21],
95        popupAnchor: [0, -14]
96    });
97
98
99    function iconColor(popularity)
100    {
101        let round = Math.round(popularity);
102
103        if (round >= 0 && round <= 32)
104            return greenIcon;
```

PHP Hypertext Preprocessor file

C:\wamp64\www\vasilis\Visualization.php - Notepad++

Άρχιο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Διάσασ Ρυθμίσεις Εργαλεία Μοκροντολή Εκτέλεση Πρόσθιτα Παράθυρο 2

Visualization.php

```

151   {
152     for(let i=0;i<data.length;i++)
153     {
154       let estimate =[];
155
156       if(date.getHours() == 22)
157         estimate.push(parseInt(data[i].popular_times[date.getHours()]), parseInt(data[i].popular_times[date.getHours() + 1]), parseInt(data[i].popular_times[0]));
158       else if(date.getHours() == 23)
159         estimate.push(parseInt(data[i].popular_times[date.getHours()]), parseInt(data[i].popular_times[0]), parseInt(data[i].popular_times[1]));
160       else
161         estimate.push(parseInt(data[i].popular_times[date.getHours()]), parseInt(data[i].popular_times[date.getHours() + 1]), parseInt(data[i].popular_times[date.getHours() + 2]));
162
163       let markers = L.marker(L.latLng(data[i].loc[0], data[i].loc[1]), {icon: iconColor(calculate(estimate)), id:data[i].id });
164
165       markers.bindPopup("Όνομασα Καταστήματος: "+data[i].name+ "<br> Διεύθυνση: "+data[i].address+ "<br> Μέσος Όρος Επισκεψιμότητας: "+Math.round(calculate(estimate)).on("popupopen", () => ({
166         ".leaflet-popup-close-button").on("click", (e) => {}); }));
167
168       markerCluster.addLayer(markers);
169
170     }
171
172   searchControl.on('search:locationfound', function(responseText)
173   {
174     var xhr = JSON.parse(responseText.sourceTarget._curReq.response);
175
176     for(let i=0;i<xhr.length;i++)
177     {
178       let estimate_next = [];
179
180       if (date.getHours() == 22)
181         estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]), parseInt(xhr[i].popular_times[date.getHours() + 1]), parseInt(xhr[i].popular_times[0]));
182
183       else
184         if (date.getHours() == 23)
185           estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]), parseInt(xhr[i].popular_times[0]), parseInt(xhr[i].popular_times[1]));
186
187       else
188         estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]), parseInt(xhr[i].popular_times[date.getHours() + 1]), parseInt(xhr[i].popular_times[date.getHours() + 2]));
189
190       let popupContent = '<p>Τίτλος Καταστήματος:<b>' +xhr[i].title+ '</b></p><p>Διεύθυνση: <b>' +xhr[i].address+ '</b></p><p>Μέσος Όρος Επισκεψιμότητας:<b>' +Math.round(calculate(estimate_next))+ '</b></p>';
191
192       let marker = L.marker(L.latLng(responseText.latlng.lat, responseText.latlng.lng), {icon:iconColor(calculate(estimate_next)),draggable:false });
193
194       let myPopup = marker.bindPopup(popupContent);
195
196       map.addLayer(marker);
197
198       markers_array.push(marker);
199
200     }
201
202     map.removeLayer(markerCluster);
203   });
204
205   });
206
207   function error()
208   {
209     console.log('Geolocation error!');
210   }
211
212 
```

length: 7.120 lines: 213 Ln:206 Col:26 Pos:7.033 Wind

C:\wamp64\www\vasilis\Visualization.php - Notepad++

Άρχιο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Διάσασ Ρυθμίσεις Εργαλεία Μοκροντολή Εκτέλεση Πρόσθιτα Παράθυρο 2

Visualization.php

```

181   estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]));
182
183   else
184     if (date.getHours() == 23)
185       estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]));
186
187   else
188     estimate_next.push(parseInt(xhr[i].popular_times[date.getHours()]));
189
190   let popupContent = '<p>Τίτλος Καταστήματος:<b>' +xhr[i].title+ '</b></p>';
191
192   let marker = L.marker(L.latLng(responseText.latlng.lat, responseText.latlng.lng), {icon:iconColor(calculate(estimate_next))});
193
194   let myPopup = marker.bindPopup(popupContent);
195
196   map.addLayer(marker);
197
198   markers_array.push(marker);
199
200
201   map.removeLayer(markerCluster);
202   });
203
204   });
205
206   function error()
207   {
208     console.log('Geolocation error!');
209   }
210
211 </script>
212
213 
```

## Visualization admin.php

```
C:\wamp64\www\vasilis\Visualization_admin.php - Notepad++
Άρχισ Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Μάσσα Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρόσθιτα Παράθυρο ?
File Edit View Insert Tools Help
Visualization.php Visualization_admin.php
1 <?php include 'header.php'?>
2
3 <div class="scrollmenu">
4   <a class="active" href="index_admin.php">Αρχική</a>
5   <a href="Visualization_admin.php">Απεικόνιση Στατιστικών a, b, c </a>
6   <a href="Visualization_admin_1.php">Απεικόνιση Στατιστικών d</a>
7   <a href="logout.php">Logout</a>
8 </div>
9   <link rel="stylesheet" href="log.css">
10  <div class="wrapper fadeInDown">
11    <div id="formContent">
12
13      <title>Visualization Info</title>
14      <link rel="stylesheet" href="log.css">
15      <div class="wrapper fadeInDown">
16        <div id="formContent">
17
18        <div class = "container">
19          <canvas id = "lineChart" width="600" height="200" aria-label="Hello ARIA World" role="img"></canvas>
20        </div>
21
22        <script>
23          var data = $.ajax({
24            url: "data_backend.php",
25            type: "POST",
26            dataType: "json",
27            success: function(data) {}
28          });
29
30          data.done(success)
31
32
33          function success(responseText)
34          {
35            let chart_data = [];
36            chart_data.push(parseInt(responseText[0].user_visits), parseInt(responseText[1].covid_case), responseText[2].positive);
37
38            const CHART1 = document.getElementById("lineChart").getContext('2d');
39
40            let lineChart = new Chart(CHART1, {
41              type: 'bar',
42              data: {
43                labels: ["#Επισκέψεων","#Κρούσματων Covid","#Επισκέψεων ενεργών κρουσμ."],
44
45                datasets: [
46                  {
47                    fill: false,
48                    data: chart_data,
49                    backgroundColor: ['yellow','red','orange'],
50                    borderWidth: 2,
51                    borderColor: '#777',
52                    hoverBorderWidth: 3,
53                    hoverBorderColor: '#000'
54
55                  }
56                ],
57                options: {
58                  plugins: {
59                    legend: {
60                      display: false
61                    }
62                  },
63                  scales: {
64                    y: {ticks: {color: 'lightblue', beginAtZero: true } },
65                    x: {ticks: {color: 'lightblue', beginAtZero: true } }
66
67                }
68
69            });
69        }
70      </script>
71    </div>
```

```
Visualization.php Visualization_admin.php Visualization_admin_1.php
1 <?php include 'header.php' ?>
2
3
4 <a class="active" href="index_admin.php">Home</a>
5     <a href="Visualization_admin.php">Απεικόνιση Στατιστικών a, b, c </a>
6     <a href="Visualization_admin_1.php">Απεικόνιση Στατιστικών d</a>
7     <a href="logout.php">Logout</a>
8
9 <title>Visualization admin</title>
10 <style>
11     .pointer      { cursor: pointer; }
12 </style>
13
14 <link rel="stylesheet" href = "table_admin.css">
15 <div class="table-wrapper">
16     <table id="Values_table" class="fl-table">
17         <thead id = "head" class = "pointer">
18             <th class="sortable">Type</th>
19             <th class="sortable">Count</th>
20             <th class="sortable">Positive Count</th>
21         </thead>
22         <tbody id = "body"><tr></tr></tbody>
23     </table>
24 </div>
25
26 <script>
27     const ajax_query = $.ajax({
28         url: "data_backend_2.php",
29         type:"POST",
30         dataType:"json"
31     });
32
33     const ajax_query_1 = $.ajax({
34         url:"data_backend_3.php",
35         type:"POST",
36         dataType:"json"
37     });
38
39     ajax_query_1.done(function() {
40         ajax_query.done(function() {
41
42             $.ajax({
43                 url: "data_backend_1.php",
44                 type:"POST",
45                 dataType: "json",
46                 success: function(data) {
47                     //console.log(data);
48                     //arrays
49
50                     var string_array = [];
51
52                     for (var i = 0; i < data.length; i++) {
53                         string_array.push(data[i].Category + " : " + data[i].Value);
54                     }
55
56                     document.getElementById("Values_table").innerHTML = "";
57
58                     var head = document.createElement("thead");
59                     var tr = document.createElement("tr");
60                     var th = document.createElement("th");
61                     th.innerHTML = "Type";
62                     tr.appendChild(th);
63                     head.appendChild(tr);
64
65                     var body = document.createElement("tbody");
66                     for (var i = 0; i < string_array.length; i++) {
67                         var tr = document.createElement("tr");
68                         var td = document.createElement("td");
69                         td.innerHTML = string_array[i];
70                         tr.appendChild(td);
71                         body.appendChild(tr);
72                     }
73
74                     document.getElementById("Values_table").appendChild(head);
75                     document.getElementById("Values_table").appendChild(body);
76
77                     var head = document.createElement("thead");
78                     var tr = document.createElement("tr");
79                     var th = document.createElement("th");
80                     th.innerHTML = "Count";
81                     tr.appendChild(th);
82                     head.appendChild(tr);
83
84                     var body = document.createElement("tbody");
85                     for (var i = 0; i < string_array.length; i++) {
86                         var tr = document.createElement("tr");
87                         var td = document.createElement("td");
88                         td.innerHTML = string_array[i].split(" : ")[1];
89                         tr.appendChild(td);
90                         body.appendChild(tr);
91                     }
92
93                     document.getElementById("Values_table").appendChild(head);
94                     document.getElementById("Values_table").appendChild(body);
95
96                     var head = document.createElement("thead");
97                     var tr = document.createElement("tr");
98                     var th = document.createElement("th");
99                     th.innerHTML = "Positive Count";
100                    tr.appendChild(th);
101                    head.appendChild(tr);
102
103                    var body = document.createElement("tbody");
104                    for (var i = 0; i < string_array.length; i++) {
105                        var tr = document.createElement("tr");
106                        var td = document.createElement("td");
107                        td.innerHTML = string_array[i].split(" : ")[0];
108                        tr.appendChild(td);
109                        body.appendChild(tr);
110                    }
111
112                    document.getElementById("Values_table").appendChild(head);
113                    document.getElementById("Values_table").appendChild(body);
114
115                }
116            }
117        }
118    }
119
120    </script>
121
```

PHP Hypertext Preprocessor file

# Visualization\_admin1.php

```
C:\wamp64\www\vasilis\Visualization_admin_1.php - Notepad++  
Άρχιο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Δώσος Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Προσθήτα Παράθυρο ?  
File Edit View Insert Tools Options Plugins Help  
Visualization.php Visualization_admin.php Visualization_admin_1.php  
49  
50     var string_array = [];  
51     var string_array_1 = [];  
52     var string_array_2 = [];  
53     var string,string_1,string_2;  
54     var final_result = [];  
55  
56  
57     //Create table  
58     var tr = "";  
59     var column_3 = "";  
60     var cell = document.createElement("td");  
61  
62     //HTML Table  
63     var myTab = document.getElementById('Values_table');  
64  
65     for (let i=0;i<data.length;i++){  
66         string_array.push(data[i].types);  
67     }  
68  
69     for (let i=0;i<ajax_query.responseJSON.length;i++){  
70         string_array_1.push.ajax_query.responseJSON[i].types);  
71     }  
72  
73     for(let j=0;j<ajax_query_1.responseJSON.length;j++){  
74         string_array_2.push.ajax_query_1.responseJSON[j].types);  
75     }  
76  
77     string = string_array.toString();  
78     string_1 = string_array_1.toString();  
79     string_2 = string_array_2.toString();  
80  
81     wordArray = string.split(',');  
82     wordArray_1 = string_1.split(',');  
83     wordArray_2 = string_2.split(',');  
84  
85  
86     //https://stackoverflow.com/a/57028486/14749665  
87     const map = wordArray.reduce((wordArray,e) => wordArray.set(e, (wordArray.get(e) || 0) + 1), new Map());  
88     const map_1 = wordArray_1.reduce((wordArray_1,e) => wordArray_1.set(e, (wordArray_1.get(e) || 0) + 1), new Map());  
89     const map_2 = wordArray_2.reduce((wordArray_2,e) => wordArray_2.set(e, (wordArray_2.get(e) || 0) + 1), new Map());  
90  
91     result=[...map.keys()];  
92     result_1=[...map_1.entries()];  
93     result_2=[...map_2.entries()];  
94     key = [...map.keys()];  
95     key_1 = [...map_1.keys()];  
96     key_2 = [...map_2.keys()];  
97  
98
```

```
PHP Hypertext Preprocessor file C:\wamp64\www\vasilis\Visualization_admin_1.php - Notepad++  
Άρχιο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Δώσος Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Προσθήτα Παράθυρο ?  
File Edit View Insert Tools Options Plugins Help  
Visualization.php Visualization_admin.php Visualization_admin_1.php  
99  
100     result.sort(function(a, b){ return b - a});  
101     result_1.sort(function(a, b){ return b[1] - a[1]});  
102     result_2.sort(function(a, b){ return b[1] - a[1]});  
103  
104  
105     for(let i=0;i<result.length;i++){  
106         final_result[i] = [result[i],0,0];  
107         for(let j=0;j<result_1.length;j++){  
108             if(result[i]==(result_1[j][0])){  
109                 final_result[i][1] = result_1[j][1];  
110             }  
111         }  
112     }  
113  
114     for (let i=0;i<result.length;i++){  
115         for (let a=0;a<result_2.length;a++){  
116             if(result[i]==(result_2[a][0])){  
117                 final_result[i][2] = result_2[a][1];  
118             }  
119         }  
120     }  
121  
122     final_result.sort();  
123  
124     for(let j=0;j<final_result.length;j++){  
125         rows = document.getElementById('body');  
126         tr += '<tr>';  
127         tr += '<td>' + final_result[j][0] + '</td>' + '<td>' + final_result[j][1] + '</td>' + '<td>' + final_result[j][2] + '</td>';  
128         tr += '</tr>';  
129     }  
130     rows.innerHTML +=tr;  
131  
132     $(document).ready(function(){  
133         var sortOrder = 1;  
134         function getVal(elm, colIndex){  
135             var td = $(elm).children('td').eq(colIndex).text();  
136  
137             if(typeof td != "undefined"){  
138                 var v = td.toUpperCase();  
139                 if(!$.isNumeric(v)){  
140                     v = parseInt(v,10);  
141                 }  
142                 return v;  
143             }  
144         }  
145     });  
146  
147     });  
148
```

C:\wamp64\www\vasilis\Visualization\_admin\_1.php - Notepad++

Άρχιο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Δώσατα Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρόσθετα Παράθυρο ?

Visualization.php Visualization\_admin.php Visualization\_admin\_1.php

```
139 |         var td = $(elm).children('td').eq(colIndex).text();
140 | 
141 |     if(typeof td !== "undefined"){
142 |         var v = td.toUpperCase();
143 |         if($.isNumeric(v)){
144 |             v = parseInt(v,10);
145 |         }
146 |         return v;
147 |     }
148 | }
149 | $(document).on('click','.sortable', function(){
150 | 
151 |     var self=$(this);
152 | 
153 |     var colIndex = self.prevAll().length;
154 |     console.log(colIndex);
155 |     var o = (sortOrder == 1)? 'asc' : 'desc';
156 |     console.log(o);
157 |     sortOrder *= -1;
158 |     console.log(sortOrder);
159 | 
160 |     $('.sortable').removeClass('asc').removeClass('desc');
161 |     self.addClass(o);
162 | 
163 |     var tbody = self.closest("table").find("tbody");
164 |     console.log(tbody);
165 |     var tr = tbody.children('tr');
166 |     //console.log(tr.sort());
167 |     tr.sort(function(a,b){
168 | 
169 |         var A = getVal(a, colIndex);
170 |         console.log(colIndex);
171 |         var B = getVal(b, colIndex);
172 |         console.log(A);
173 |         console.log(B);
174 | 
175 |         if(A < B){
176 |             return -1*sortOrder;
177 |         }
178 |         if(A > B){
179 |             return 1*sortOrder;
180 |         }
181 |         return 0;
182 |     });
183 | 
184 |     $.each(tr, function(index,row){
185 |         tbody.append(row);
186 |     })
187 | });
188 | });
189 | 
```

PHP Hypertext Preprocessor file

```
189 |
190 |
191 |
192 |         }
193 |     });
194 | );
195 | );
196 |
197 |
198 | </script>
199 | 
```

## Search.php

```
C:\wamp64\www\vasilis\search.php - Notepad+
Αρχείο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Μέλωση Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρόσθετα Παράθυρο ?
search.php
1 <?php
2
3     include 'Connector.php';
4
5     $data = array();
6     $today = date("l"); //Current day
7
8     if(!isset($_GET['q'])) or empty($_GET['q']))
9         die( json_encode(array('ok'=>0, 'errmsg'=>'specify q parameter')) );
10
11    $query = mysqli_query($db, "SELECT s.id,s.lat,s.lng,s.Name,s.types,s.Address,d.data_0,d.data_1,d.data_2,d.data_3,d.data_4,d.data_5,d.data_6,d.data_7,d.data_8,d.data_9,d.data_10,c.data_11,c.data_12,c.data_13,c.data_14,c.data_15,c.data_16,c.data_17,c.data_18,c.data_19,c.data_20,c.data_21,c.data_22,c.data_23,c.data_24,c.data_25,c.data_26,c.data_27,c.data_28,c.data_29,c.data_30,c.data_31,c.data_32,c.data_33,c.data_34,c.data_35,c.data_36,c.data_37,c.data_38");
13    while($row = mysqli_fetch_assoc($query)){
14        array_push($data, array('loc'=>$row['lat'], 'row['lng']', 'title'=>$row['Name'], 'id'=>$row['id'], 'address'=>$row['Address'], 'popular_times'=>[$row['data_0']], $row['data_1']));
15    }
16
17    function searchInit($text) //search initial text in titles
18    {
19        $reg = "/^".$_GET['q'].'/i'; //initial case insensitive searching
20        return (bool)preg_match($reg, $text['title']);
21    }
22
23    $pdata = array_filter($data, 'searchInit'); //filter data
24    $pdata = array_values($pdata); //reset $pdata indexes
25
26    $JSON = json_encode($pdata,true);
27
28    @header("Content-type: application/json; charset=utf-8");
29
30    if(isset($_GET['callback']) and !empty($_GET['callback'])) //support for JSONP request
31        echo $_GET['callback']."(".$JSON ")";
32    else
33        echo $JSON; //AJAX request
34
35
36
37
38 ?>
```

## Upload user location.php

```
C:\wamp64\www\vasilis\Upload_user_location.php - Notepad+
Αρχείο Επεξεργασία Εύρεση Προβολή Κωδικοποίηση Μέλωση Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρόσθετα Παράθυρο ?
Upload_user_location.php
1 <?php
2     session_start();
3     include "Connector.php";
4
5     if($_SERVER["REQUEST_METHOD"]=="POST" && $_SESSION['loggedin'] == true){
6         $Upload_data = $_POST['q'];
7         $datetime = date('Y-m-d H:i:s');
8         $lat = $Upload_data['lat'];
9         $lng = $Upload_data['lng'];
10        $name = $Upload_data['name'];
11        $Address = $Upload_data['Address'];
12        $store_id = $Upload_data['id'];
13        $estimation = $Upload_data['estimate'];
14
15        $client_id = $_SESSION['client_id'];
16
17        $result = mysqli_query($db, "INSERT INTO user_visits(User_id,id_store,Address,Estimate,Visit_time) VALUES ($client_id,$store_id,'$Address','$estimation','$datetime')");
18        echo 0;
19    }
20
21
22
23
24
25
26 ?>
```

## Upload stores.php

```
1 <?php
2 session_start();
3
4 function alertBox($message) {
5
6 echo "<script>alert ('$message') ;</script>";
7 }
8
9
10
11 //connect to db
12 include 'Connector.php';
13
14 if($_SERVER["REQUEST_METHOD"] == "POST") {
15 $my_data = $_POST['data'];
16
17 // $my_data = mysqli_real_escape_string($db, $my_data);
18 $my_data = json_decode($my_data, true);
19 $datetime = date('Y-m-d H:i:s');
20 $count = 0;
21
22
23
24 for($i=0; $i<sizeof($my_data); $i++) {
25 $data_id = "null";
26 $data_name = "null";
27 $data_address = "null";
28 $data_rating = "null";
29 $data_rating_n = "null";
30 $data_types = "null";
31 $data_lat = "null";
32 $data_lng = "null";
33
34 if(isset($my_data[$i]['id'])){
35 | $data_id = $my_data[$i]['id'];
36 }
37 if(isset($my_data[$i]['name'])){
38 | $data_name = $my_data[$i]['name'];
39 }
40 if(isset($my_data[$i]['address'])){
41 | $data_address = $my_data[$i]['address'];
42 }
43 if(isset($my_data[$i]['rating'])){
44 | $data_rating = $my_data[$i]['rating'];
45 }
46 if(isset($my_data[$i]['rating_n'])){
47 | $data_rating_n = $my_data[$i]['rating_n'];
48 }
49 if(isset($my_data[$i]['types'])){
50 | $data_types = $my_data[$i]['types'];
51 }
52 if(isset($my_data[$i]['lat'])){
53 | $data_lat = $my_data[$i]['lat'];
54 }
55 if(isset($my_data[$i]['lng'])){
56 | $data_lng = $my_data[$i]['lng'];
57 }
58
59
60
61 $sql = "INSERT INTO stores (id, Name, Address, Rating, Rating_number, lat, lng, types, DATES) VALUES ('$data_id', '$data_name', '$data_address', '$data_rating', '$data_rating_n', '$data_lat', '$data_lng', '$data_types', '$datetime')";
62 mysqli_query($db, $sql);
63
64 for($j=0; $j<sizeof($my_data[$i]['days_name']); $j++){
65 $day_name = $my_data[$i]['days_name'][$j];
66 $day0 = $my_data[$i]['days_data'][$j][0];
67 $day1 = $my_data[$i]['days_data'][$j][1];
68 $day2 = $my_data[$i]['days_data'][$j][2];
69 $day3 = $my_data[$i]['days_data'][$j][3];
70 $day4 = $my_data[$i]['days_data'][$j][4];
71 $day5 = $my_data[$i]['days_data'][$j][5];
72 $day6 = $my_data[$i]['days_data'][$j][6];
73 $day7 = $my_data[$i]['days_data'][$j][7];
74 $day8 = $my_data[$i]['days_data'][$j][8];
75 $day9 = $my_data[$i]['days_data'][$j][9];
76 $day10 = $my_data[$i]['days_data'][$j][10];
77 $day11 = $my_data[$i]['days_data'][$j][11];
78 $day12 = $my_data[$i]['days_data'][$j][12];
79 $day13 = $my_data[$i]['days_data'][$j][13];
80 $day14 = $my_data[$i]['days_data'][$j][14];
81 $day15 = $my_data[$i]['days_data'][$j][15];
82 $day16 = $my_data[$i]['days_data'][$j][16];
83 $day17 = $my_data[$i]['days_data'][$j][17];
84 $day18 = $my_data[$i]['days_data'][$j][18];
85 $day19 = $my_data[$i]['days_data'][$j][19];
86 $day20 = $my_data[$i]['days_data'][$j][20];
87 $day21 = $my_data[$i]['days_data'][$j][21];
88 $day22 = $my_data[$i]['days_data'][$j][22];
89 $day23 = $my_data[$i]['days_data'][$j][23];
90
91 $result = "INSERT INTO data_pop(id, day, data_0, data_1, data_2, data_3, data_4, data_5, data_6, data_7, data_8, data_9, data_10, data_11, data_12, data_13, data_14, data_15, data_16, data_17, data_18, data_19, data_20, data_21, data_22, data_23, data_24, data_25, data_26, data_27, data_28, data_29, data_30, data_31, data_32, data_33, data_34, data_35, data_36, data_37, data_38, data_39, data_40, data_41, data_42, data_43, data_44, data_45, data_46, data_47, data_48, data_49, data_50, data_51, data_52, data_53, data_54, data_55, data_56, data_57, data_58, data_59, data_60, data_61, data_62, data_63, data_64, data_65, data_66, data_67, data_68, data_69, data_70, data_71, data_72, data_73, data_74, data_75, data_76, data_77, data_78, data_79, data_80, data_81, data_82, data_83, data_84, data_85, data_86, data_87, data_88, data_89, data_90, data_91, data_92, data_93, data_94, data_95, data_96, data_97, data_98, data_99, data_100, data_101, data_102, data_103, data_104, data_105, data_106";
97
98
99
100
101
102
103
104
105
106 ?>
```

## Upload\_stores\_backend.php

```
<?php
session_start(); //$_SESSION[]
include 'Connector.php';

if($_SERVER["REQUEST_METHOD"] == "POST")
{
    $all_stores = $_POST['data'];

    $all_stores = json_decode($all_stores,true);

    $datetime = date('Y-m-d H:i:s');

    $count = 0;

    for($i=0;$i<sizeof($all_stores);$i++)
    {
        $data_id = "null";
        $data_name = "null";
        $data_address = "null";
        $data_rating = "null";
        $data_rating_n = "null";
        $data_types = "null";
        $data_lat = "null";
        $data_lng = "null";

        if(isset($all_stores[$i]['id']))
            $data_id = $all_stores[$i]['id'];

        if(isset($all_stores[$i]['name']))
            $data_name = $all_stores[$i]['name'];

        if(isset($all_stores[$i]['address']))
            $data_address = $all_stores[$i]['address'];

        if(isset($all_stores[$i]['rating']))
            $data_rating = $all_stores[$i]['rating'];

        if(isset($all_stores[$i]['rating_n']))
            $data_rating_n = $all_stores[$i]['rating_n'];

        if(isset($all_stores[$i]['types']))
            $data_types = $all_stores[$i]['types'];

        if(isset($all_stores[$i]['lat']))
            $data_lat = $all_stores[$i]['lat'];

        if(isset($all_stores[$i]['lng']))
            $data_lng = $all_stores[$i]['lng'];

        $sql = "INSERT INTO stores (id, Name, Address, Rating, Rating_n, types, lat, lng) VALUES ($data_id, '$data_name', '$data_address', '$data_rating', '$data_rating_n', '$data_types', '$data_lat', '$data_lng')";

        mysqli_query($db,$sql);

        for($j=0; $j<sizeof($all_stores[$i]['days_name']); $j++)
        {
            $day_name = $all_stores[$i]['days_name'][$j];

            $day0 = $all_stores[$i]['days_data'][$j][0];
            $day1 = $all_stores[$i]['days_data'][$j][1];
            $day2 = $all_stores[$i]['days_data'][$j][2];
            $day3 = $all_stores[$i]['days_data'][$j][3];
            $day4 = $all_stores[$i]['days_data'][$j][4];
            $day5 = $all_stores[$i]['days_data'][$j][5];
            $day6 = $all_stores[$i]['days_data'][$j][6];
            $day7 = $all_stores[$i]['days_data'][$j][7];
            $day8 = $all_stores[$i]['days_data'][$j][8];
            $day9 = $all_stores[$i]['days_data'][$j][9];
            $day10 = $all_stores[$i]['days_data'][$j][10];
            $day11 = $all_stores[$i]['days_data'][$j][11];
            $day12 = $all_stores[$i]['days_data'][$j][12];
            $day13 = $all_stores[$i]['days_data'][$j][13];
            $day14 = $all_stores[$i]['days_data'][$j][14];
            $day15 = $all_stores[$i]['days_data'][$j][15];
            $day16 = $all_stores[$i]['days_data'][$j][16];
            $day17 = $all_stores[$i]['days_data'][$j][17];
            $day18 = $all_stores[$i]['days_data'][$j][18];
            $day19 = $all_stores[$i]['days_data'][$j][19];
            $day20 = $all_stores[$i]['days_data'][$j][20];
            $day21 = $all_stores[$i]['days_data'][$j][21];
            $day22 = $all_stores[$i]['days_data'][$j][22];
            $day23 = $all_stores[$i]['days_data'][$j][23];

            $result = "INSERT INTO data_pop(id,day,data_0,data_1,data_2,data_3,data_4,data_5,data_6,data_7,data_8,data_9,data_10,data_11,data_12,data_13,data_14,data_15,data_16,data_17,data_18,data_19,data_20,data_21,data_22,data_23) VALUES ($day_name, '$day0', '$day1', '$day2', '$day3', '$day4', '$day5', '$day6', '$day7', '$day8', '$day9', '$day10', '$day11', '$day12', '$day13', '$day14', '$day15', '$day16', '$day17', '$day18', '$day19', '$day20', '$day21', '$day22', '$day23')";

            if (mysqli_query($db,$result))
                echo "New record created successfully";

            else
                //echo "Error: " . $result . "<br>" . mysqli_error($result). "<br>";
        }
    }
}
```

# Header.php

```
header.php
1 <html>
2     <head>
3         <meta name="viewport" content="width=device-width, initial-scale=1">
4         <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
5         <link rel="stylesheet" href="https://unpkg.com/leaflet@1.7.1/dist/leaflet.css" integrity="sha512-xodZBNTC5n17xt2cDy7P1oDnQrE9l1KfG0P+o53wylFRIYjqsq4Q6R0RkxQ1uicG8e3779JXo" crossorigin="anonymous">
6         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/leaflet.markercluster/1.5.3/MarkerCluster.css" integrity="sha512-XQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
7         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/leaflet.markercluster/1.5.3/MarkerCluster.Default.css" integrity="sha512-1OgWzvHdXQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
8         <script src="https://unpkg.com/leaflet@1.7.1/dist/leaflet.js" integrity="sha512-XQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
9         <script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet.markercluster/1.5.3/leaflet.markercluster.js" integrity="sha512-1OgWzvHdXQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
10        <script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet-search/3.0.2/leaflet-search.src.js" integrity="sha512-1OgWzvHdXQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
11        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/leaflet-search/3.0.2/leaflet-search.min.css" integrity="sha512-1OgWzvHdXQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
12        <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3.7.0/chart.min.js" integrity="sha512-TW5s01T/IppJtIwzV0uXQoYmMTK8LvdXXYG3nZ448hOEQiglfqj"/>
13        <link rel="stylesheet" href="src/leaflet-search.css" />
14        <script src="src/leaflet-search.js"></script>
15        <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
16        <script src="sweetalert2.min.js"></script>
17        <link rel="stylesheet" href="sweetalert.min.css">
18
19     <style>
20         html {
21             background-image: url("images/covid1.jpg");
22             background-repeat: no-repeat;
23             background-size: cover;
24         }
25
26         body {
27             margin: 0;
28             font-family: Arial, Helvetica, sans-serif;
29         }
30
31         div.scrollmenu {
32             background-color: #333;
33             overflow: auto;
34             white-space: nowrap;
35         }
36
37
38         .scrollmenu {
39             overflow: hidden;
40             font-size: 30px;
41             background-color: #000000;
42             -webkit-box-shadow: 0 30px 50px 0
43             rgba(95, 186, 233, 0.4);
44             box-shadow: 0 40px 40px 0 rgba(0, 0, 0, 0.3);
45             -webkit-border-radius: 6px 6px 6px 6px;
46             border-radius: 5px 5px 5px 5px;
47             margin: 5px 7px 30px 7px;
48             height: 53px;
49         }
50
51         .Welcome{
52             position: absolute;
53             top: 90px;
54             left: 15px;
55         }
56
57         .scrollmenu a{
58             float: right;
59             color: #999999;
60             text-align: center;
61             padding: 14px 16px;
62             text-decoration: none;
63             font-size: 17px;
64         }
65
66         .scrollmenu a:hover {
67             background-color: #ecccff;
68             color: black;
69         }
70
71         .scrollmenu a.active {
72             background-color: #cc66ff;
73             color: white;
74         }
75
76         .Background{
77             color: white;
78             position: absolute;
79             top: 100px;
80             width: 200px;
81             z-index: 5;
82         }
83     </style>
84     </div>
85 </body>
86 </html>
```

## Header1.php

```
header.php header1.php
1 <html>
2   <head>
3     <meta name="viewport" content="width=device-width, initial-sca
4     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.
5     <link rel="stylesheet" href="https://unpkg.com/leaflet@1.7.1/d
6     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax
7     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax
8     <script src="https://unpkg.com/leaflet@1.7.1/dist/leaflet.js"
9     <script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet.m
10    <script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet-se
11    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax
12    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3
13    <link rel="stylesheet" href="src/leaflet-search.css" />
14    <script src="src/leaflet-search.js"></script>
15    <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
16    <script src="sweetalert2.min.js"></script>
17    <link rel="stylesheet" href="sweetalert.min.css">
18
19   <style>
20     html {
21       background-color: lightblue;
22       background-size: cover;
23     }
24
25     body {
26       margin: 0;
27       font-family: Arial, Helvetica, sans-serif;
28     }
29
30     div.scrollmenu {
31       background-color: #333;
32       overflow: auto;
33       white-space: nowrap;
34     }
35
36
37     .scrollmenu {
38       overflow: hidden;
39       font-size: 30px;
40       background-color: #000000;
41       -webkit-box-shadow: 0 30px 50px 0
42       rgba(95, 186, 233, 0.4);
43       box-shadow: 0 40px 40px 0 rgba(0, 0, 0, 0.3);
44       -webkit-border-radius: 6px 6px 6px 6px;
45       border-radius: 5px 5px 5px 5px;
46       margin: 5px 7px 30px 7px;
47       height: 53px;
48     }
49
50
51     .Welcome{
52       position: absolute;
53       top: 90px;
54       left: 15px;
55     }
56
57     .scrollmenu a{
58       float: right;
59       color: #999999;
60       text-align: center;
61       padding: 14px 16px;
62       text-decoration: none;
63       font-size: 17px;
64     }
65
66     .scrollmenu a:hover {
67       background-color: #ecccff;
68       color: black;
69     }
70
71     .scrollmenu a.active {
72       background-color: #cc66ff
73       color: white;
74     }
75
76     .Background{
77       color: white;
78       position: absolute;
79       top: 100px;
80       width: 200px;
81       z-index: 5;
82     }
83
84   </style>
85   </div>
86
87 </html>
```

## index.php

```
C:\wamp64\www\vasilis\index.php - Notepad++  
Αρχείο Επεξεργασία Εύρεση Πλοβολή Κωδικοποίηση Δώσσα Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρό

- 1 <?php include 'header.php' ?>
- 2
- 3 <div class="scrollmenu">
- 4 <a href="index.php">Home</a>
- 5 <a href="Visualization.php">Καταστήματα-POI</a>
- 6 <a class="active" href="Declare_visit.php">Δήλωση Επίσκεψης</a>
- 7 <a href="covid_visit.php">Πιθανή Επαφή με Κρούσμα</a>
- 8 <a href="Declare_Covid.php">Δήλωση Κρούσματος</a>
- 9 <a href="Profile Management.php">Προφίλ</a>
- 10 <a href="logout.php">Logout</a>
- 11 </div>
- 12
- 13 <title>This is the Main page</title>
- 14 <h1 class="Welcome" style="color:white";>Welcome User</h1>
- 15 <div class="Background">
- 16 </div>
- 17

```

## index admin.php

```
index.php index_admin.php [3]  
1 <?php include 'header.php'?>  
2  
3 <div class="scrollmenu">  
4 <a class="active" href="index_admin.php">Αρχική</a>  
5 <a href="Visualization_admin.php">Απεικόνιση Στατιστικών a, b, c </a>  
6 <a href="Visualization_admin_1.php">Απεικόνιση Στατιστικών d</a>  
7 <a href="logout.php">Logout</a>  
8 </div>  
9 <link rel="stylesheet" href="log.css">  
10 <div class="wrapper fadeInDown">  
11 <div id="formContent">  
12  
13 <title>Σελίδα Διαχειρίστη</title>  
14 <h2>Επιλογή json Αρχείου για φόρτωση</h2>  
15 <input type="file" name="inputfile" id="inputfile" accept=".json">  
16 <br><br><button class="myButton" id="delete_btn">Διαγραφή όλων των Καταστημάτων</button>  
17  
18 <script>  
19 const delete_rows = document.getElementById('delete_btn');  
20  
21 delete_rows.onclick = function()  
22 {  
23 if (confirm("Θέλετε να διαγράψετε όλα τα καταστήματα;"))  
24 {  
25 $.ajax({  
26 type:"POST",  
27 url:"Delete_rows.php",  
28 data:{bool_value:true},  
29 success:function(data)  
30 {  
31 Swal.fire({text:"Η Διαγραφή των Καταστημάτων έγινε επιτυχώς!"}).then(function(){window.location.assign("index_admin.php")});  
32 }  
33 });  
34 }  
35 else  
36 {  
37 Swal.fire({text:"Η Διαγραφή των Καταστημάτων ΑΚΥΡΩΘΗΚΕ!!"});  
38 }  
39 }  
40  
41 const fileSelector = document.getElementById('inputfile');  
42  
43 fileSelector.addEventListener('change', function()  
44 {  
45 var fr = new FileReader();  
46  
47 fr.readAsText(this.files[0]);  
48  
49 fr.onload = function()  
50 {  
51 parsed_file = JSON.parse(fr.result);  
52  
53 let array_file = [];
```

```

53
54
55     let array_file = [];
56
57     for (let i=0;i<parsed_file.length;i++)
58     {
59         loop_file = {};
60         loop_file.days_name = [];
61         loop_file.days_data = [];
62         loop_file.id= parsed_file[i].id;
63         loop_file.name= parsed_file[i].name;
64         loop_file.address= parsed_file[i].address;
65         loop_file.lat= parsed_file[i].coordinates.lat;
66         loop_file.lng= parsed_file[i].coordinates.lng;
67         loop_file.rating= parsed_file[i].rating;
68         loop_file.rating_n= parsed_file[i].rating_n;
69         loop_file.types = parsed_file[i].types.toString();
70
71         for (let j=0; j<(parsed_file[i].populartimes).length; j++)
72         {
73             loop_file.days_name.push(parsed_file[i].populartimes[j].name);
74             loop_file.days_data.push(parsed_file[i].populartimes[j].data);
75         }
76
77         array_file.push(loop_file);
78     }
79
80     $.ajax({
81         type:"POST",
82         url: "Upload_stores_backend.php",
83         data: {data:JSON.stringify(array_file)},
84         success: function(data)
85         {
86             Swal.fire({text:"Η Εισαγωγή Καταστημάτων και Επισκεπτών ολοκληρώθηκε επιτυχώς!"}).then(function() {window.location.assign("index_admin.php");
87         });
88     });
89 });
90
91

```

## Profile Management.php

C:\wamp64\www\vasilis\Profile Management.php - Notepad++

Αρχείο Επεξεργασία Εγέρσια Δροβόλη Κωδικοποίηση Διάσασα Ρυθμίσεις Εργαλεία Μακροεντολή Εκτέλεση Πρόσθετα Παράθυρο ?

File Edit View Insert Project Tools Plugins Help

Profile Management.php

```

1  <!DOCTYPE html>
2  <html>
3      <head>
4          <meta name="viewport" content="width=device-width, initial-scale=1">
5          <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
6          <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
7          <script src="sweetalert2.min.js"></script>
8          <link rel="stylesheet" href="sweetalert.min.css">
9
10
11      <style>
12          html {
13              background-color: #F08080;
14          }
15
16          body {
17              margin:0;
18              font-family: Arial, Helvetica, sans-serif;
19          }
20
21          div.scrollmenu {
22              background-color: #333;
23              overflow: auto;
24              white-space: nowrap;
25          }
26
27
28          .scrollmenu {
29              overflow:hidden;
30              font-size:30px;
31              background-color:#000000;
32              -webkit-box-shadow: 0 30px 50px 0
33              rgba(95,186,233,0.4);
34              box-shadow: 0 40px 40px 0 rgba(0,0,0,0.3);
35              -webkit-border-radius: 6px 6px 6px 6px;
36              border-radius: 6px 6px 6px 6px;
37              margin: 5px 7px 30px 7px;
38              height:53px;
39          }
40
41          .Welcome{
42              position:absolute;
43              top:90px;
44              left:15px;
45          }
46
47          .scrollmenu a{
48              float: right;
49              color:#999999;
50              text-align: center;
51              padding: 14px 16px;
52              text-decoration: none;
53              font-size: 17px;

```

```
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
```

```
        }

        .scrollmenu a:hover {
            background-color:#eecoff;
            color: black;
        }

        .scrollmenu a.active {
            background-color: #cc66ff;
            color: white;
        }

        .Background{
            color:white;
            position:absolute;
            top:100px;
            width:100px;
            z-index: 5;
        }

    
```

```
        </style>
    </head>
<title>Profile Management</title>
<head>
</head>
<body>
    <div class="scrollmenu">
        <a href="index.php">Home</a>
        <a href="Visualization.php">Καταστήματα-POI</a>
        <a class="active" href="Declare_visit.php">Δήλωση Επίσκεψης</a>
        <a href="covid_visit.php">Πιθανή Επαφή με Κρούσμα</a>
        <a href="Declare_Covid.php">Δήλωση Κρούσματος</a>
        <a href="Profile_Management.php">Προφίλ</a>
        <a href="logout.php">Logout</a>
    </div>

    <link rel="stylesheet" href="log.css">
    <link rel="stylesheet" href="table_admin.css">
    <div class="wrapper fadeInDown">
        <div id="formContent">
            <div class="container">

                <h1>Profile Management</h1>

                <form accept-charset="utf-8">
```

```

104
105
106
107
108     <div>
109         <label for="username"> </label>
110         <input type="text" class="form-control" name="user_PM" placeholder="Username..." required>
111     </div>
112
113     <div>
114         <label for="password"></label>
115         <input type="password" class="form-control" name="old_pass" placeholder="Old Password..." required>
116     </div>
117
118     <div>
119         <label for="password"></label>
120         <input type="password" class="form-control" name="pass_PM" placeholder="Password..." required>
121     </div>
122
123     <div>
124         <label for="password"></label>
125         <input type="password" class="form-control" name="repeat_pass_PM" placeholder="Confirm Password..." required>
126     </div>
127
128     <div>
129         <button type="submit" name="reg_user_PM" onclick = "profile_manage()>Submit</button>
130     </div>
131
132     <div>
133
134     <button type="submit" name="reg_user_PM" onclick = "profile_manage()>Submit</button>
135
136 </form>
137
138     <p id="count"></p><p id="covid_date"></p>
139     <table id="values_table">
140         <thead>
141             <th>Name</th>
142             <th>Address</th>
143             <th>Location</th>
144             <th>Date of visit</th>
145         </thead>
146         <tbody id="rows"></tbody>
147     </table>
148
149     <script type="text/javascript" src="Profile_Management_check.js?newversion"></script>
150     <script>
151         const values_0 = $.ajax({
152             url:"Profile_Management_values_0.php",
153             type:"POST",
154             dataType:"json",
155             success: function(data) {
156                 console.log(data);
157             }
158         });
159
160         values_0.done(onsuccess_0)
161
162         function onsuccess_0(responseText){
163             let count = responseText.pop();
164             let date = responseText.pop();
165             console.log(date);
166             console.log(count);
167             document.getElementById("count").innerHTML='Covid positive: '+count.count;
168             if(date.covid_date == null){
169                 document.getElementById("covid_date").innerHTML = "Date of Covid: None";
170             }else{
171                 document.getElementById("covid_date").innerHTML='Date of Covid: '+date.covid_date.Covid_date;
172             }
173
174
175             let rows = document.getElementById('rows');
176             rows.innerHTML="";
177             var tr="";
178
179
180             responseText.forEach(x=>{
181                 tr+="|  |  |  |  |
| --- | --- | --- | --- |
|";
182                 tr+=" ' +x.name+' | ' +x.Address+' | ' +x.loc.join(",")+' | ' +x.Date_of_visit+' |";
183                 tr+="
";
184             })
185             rows.innerHTML+=tr;
186
187         }
188
189     </script>
190
191     </body>
192
193 </html>
194
195 </body>
196

```

## Profile Management backend.php

```
Profile Management.php | Profile_Management_backend.php | Profile_Management_values_0.php [3]
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true){
9
10 //Take the data from form-javascript
11 $username = $_POST['username'];
12 $pass= $_POST['password'];
13 $old_pass= $_POST['old_password'];
14
15 //Take the user id
16 $client_id = $_SESSION['client_id'];
17
18 //check
19 $check = mysqli_query($db,"SELECT Userspwd,UsersId,Usersusername from users WHERE UserId='".$client_id"'");
20
21 if(mysqli_num_rows($check)>0){
22     while($row = mysqli_fetch_assoc($check)){
23         $pass = $row['Userpwd'];
24         $check_id = $row['UserId'];
25         $user_check = $row['Usersusername'];
26         mysqli_query($db,"UPDATE users SET Usersusername = '$username', Userspwd='$pass' WHERE UserId = '$client_id'");
27         echo 1;
28     }
29 }
30
31 //When user changes username
32 if(mysqli_num_rows($user_check)==0){
33     if(password_verify($old_pass,$pass)){//Change user and pass
34         $pwd = password_hash($pass,PASSWORD_DEFAULT);
35         mysqli_query($db,"UPDATE users SET Usersusername = '$username', Userspwd='$pwd' WHERE UserId = '$client_id'");
36         echo 1;
37     } else{//Wrong pass
38         echo 2;
39     }
40 } //when user is just changing password
41 elseif(mysqli_num_rows($user_check)!==0 && $client_id == $check_id){//Same user change pss
42     $pwd = password_hash($password,PASSWORD_DEFAULT);
43     mysqli_query($db,"UPDATE users SET Userspwd = '$pwd' WHERE UserId = '$client_id'");
44     echo 1;
45 } else{//Put another username
46     echo 3;
47 }
48
49
50
51
52
53 ?>
```

## Profile Management values 0.php

```
Profile Management.php | Profile_Management_backend.php | Profile_Management_values_0.php [3]
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true){
9     $JSON = array();
10    $id = $_SESSION['client_id'];
11
12    $print_values = mysqli_query($db,"SELECT Address,Name,lat,lng,Date_of_upload FROM user_visits WHERE User_id='".$id"'");
13    $covid_cases = mysqli_query($db,"SELECT count(*) FROM covid_cases WHERE id='".$id"'");
14    $covid_date = mysqli_query($db,"SELECT Covid_date FROM covid_cases WHERE id='".$id"'");
15
16    $array = mysqli_fetch_assoc($covid_cases);
17    $date = mysqli_fetch_assoc($covid_date);
18
19
20    foreach($array as $value){
21        $count = $value;
22    }
23
24    while($row = $print_values->fetch_assoc()){
25        array_push($JSON,array('Address'=>$row['Address'], 'name'=>$row['Name'], 'loc'=>[$row['lat'],$row['lng']], 'Date_of_visit'=>$row['Date_of_upload']));
26    }
27
28    array_push($JSON,array('covid_date'=>$date));
29    array_push($JSON,array('count'=>$count));
30
31    echo json_encode($JSON,true);
32
33
34
35
36
37
38
39
40
41 ?>
```

## Declare\_covid.php

```
1 <?php include 'header1.php'?>
2
3 <title>Δήλωση Κρούσματος</title>
4
5 <div class="scrollmenu">
6   <a href="index.php">Home</a>
7   <a href="Visualization.php">Καταστήματα-POI</a>
8   <a class="active" href="Declare_visit.php">Δήλωση Επίσκεψης</a>
9   <a href="covid_visit.php">Πιθανή Επαφή με Κρούσμα</a>
10  <a href="Declare_Covid.php">Δήλωση Κρούσματος</a>
11  <a href="Profile_Management.php">Προφίλ</a>
12  <a href="logout.php">Logout</a>
13 </div>
14
15 <body>
16   <link rel="stylesheet" href="log.css">
17   <div class="wrapper fadeInDown">
18     <div id="formContent">
19       <div class="container">
20         <h2 for="meeting-time" style="color:white;>Δώστε Ημερομηνία Διάγνωσης με covid-19:</h2>
21
22         <input type="datetime-local" id="covid_date" name="meeting-time" min="2022-01-01T00:00" max="2022-12-31T00:00">
23
24         <button id="Upload_button" onclick="Declare_Covid()">Καταχώριση Δήλωσης Κρούσματος</button>
25
26 </body>
27
28
29 <script>
30   var now = new Date();
31
32   now.toLocaleString('en-US', { timeZone: 'Europe/Athens' })
33
34   document.getElementById('covid_date').value = now.toISOString().slice(0,16);
35
36   function Declare_Covid()
37   {
38     let date = document.getElementById('covid_date').value;
39
40     if(confirm('Θέλετε να καταχωρίστε την δήλωση κρούσματος στις ${date.replace("T", " ")};'))
41     {
42       const confirm = S.ajax({
43         url: 'Declare_Covid_backend.php',
44         method: 'POST',
45         dataType: 'text',
46         data: {positive: 1,date: date},
47         success: function(response) {
48
49           if(response == 1)
50             alert("Πρέπει να παρέλθουν 14 ημέρες από την τελευταία δήλωση κρούσματος");
51
52           else if(response == 2){
53             Swal.fire({
54               text:"Δεν επιτρέπεται Μελλοντική Ημερομηνία για καταχώριση κρούσματος"
55             });
56
57           } else{
58             alert(`Η Δήλωση Covid του χρήστη με id:${response} ολοκληρώθηκε επιτυχώς!`);
59           }
60         }
61       });
62     }
63   }
64
65   else
66   {
67     alert("Η δήλωση κρούσματος ακυρώθηκε");
68   }
69
70 }
71
72
73 </script>
74
```

## Declare\_Covid\_Backend.php

```
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 function check_difference($difference)
7 {
8     if($difference<14 && $difference >=0 )
9         return 0;
10    else
11        return 1;
12 }
13
14 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true)
15 {
16
17     $count=array();
18     $for_loops=1;
19
20     $covid_case = $_POST['positive'];
21     $real_date = $_POST['date'];
22     $client_id = $_SESSION['client_id'];
23
24
25     date_default_timezone_set('Europe/Athens');
26
27     $datetime = date('Y-m-d H:i:s');
28     $datetime = new Datetime($datetime);
29
30     $real_date = strtotime($real_date);
31     $real_date_string = date('Y-m-d H:i:s', $real_date);
32     $real_date = new Datetime($real_date_string);
33
34
35     $diff = date_diff($real_date, $datetime);
36
37
38     if($diff->invert==1)
39     {
40         echo 2;
41     }
42     else
43     {
44
45         $date = mysqli_query($db, "SELECT Covid_date FROM covid_cases WHERE id='$client_id' ");
46
47         if(mysqli_num_rows($date) == 0)
48         {
49             mysqli_query($db, "INSERT INTO covid_cases(id,covid_case,Covid_date) VALUES('$client_id',1,'$real_date_string')");
50             echo $client_id;
51         }
52
53
54         elseif(mysqli_num_rows($date) == 1)
55         {
56
57             $date1 = mysqli_fetch_assoc($date);
58
59             $dt1 = new Datetime($date1['Covid_date']);
60             $date1 = $dt1->format('Y-m-d H:i:s');
61             $date1 = new Datetime($date1);
62
63             $interval = date_diff($date1, $real_date);
64             $days = $interval->days;
65
66             if($days<14 && $days>=0)
67             {
68                 echo 1;
69             }
70             else
71             {
72                 $result = mysqli_query($db, "INSERT INTO covid_cases(id,covid_case,Covid_date) VALUES('$client_id',1,'$real_date_string')");
73                 echo $client_id;
74             }
75         }
76
77         else
78         {
79             $multiple_dates = array();
80
81             while($row = mysqli_fetch_assoc($date))
82             {
83                 array_push($multiple_dates, $row);
84             }
85
86
87             for($i=0;$i<sizeof($multiple_dates);$i++)
88             {
89
90                 $mul_date = new Datetime($multiple_dates[$i]['Covid_date']);
91                 $diff = date_diff($mul_date, $real_date);
92                 $difference = $diff->days;
93
94                 array_push($count, check_difference($difference));
95
96
97                 if($for_loops == sizeof($multiple_dates) && in_array(0,$count))
98                 {
99                     echo 1;
100                }
101                else
102                {
103                    if($for_loops == sizeof($multiple_dates))
104                    {
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
259
260
261
262
263
264
265
266
267
268
269
269
270
271
272
273
274
275
276
277
278
279
279
280
281
282
283
284
285
286
287
288
289
289
290
291
292
293
294
295
296
297
298
299
299
300
301
302
303
304
305
306
307
308
309
309
310
311
312
313
314
315
316
317
318
319
319
320
321
322
323
324
325
326
327
328
329
329
330
331
332
333
334
335
336
337
338
339
339
340
341
342
343
344
345
346
347
348
349
349
350
351
352
353
354
355
356
357
358
359
359
360
361
362
363
364
365
366
367
368
369
369
370
371
372
373
374
375
376
377
378
379
379
380
381
382
383
384
385
386
387
388
389
389
390
391
392
393
394
395
396
397
398
399
399
400
401
402
403
404
405
406
407
408
409
409
410
411
412
413
414
415
416
417
418
419
419
420
421
422
423
424
425
426
427
428
429
429
430
431
432
433
434
435
436
437
438
439
439
440
441
442
443
444
445
446
447
448
449
449
450
451
452
453
454
455
456
457
458
459
459
460
461
462
463
464
465
466
467
468
469
469
470
471
472
473
474
475
476
477
478
479
479
480
481
482
483
484
485
486
487
488
489
489
490
491
492
493
494
495
496
497
498
499
499
500
501
502
503
504
505
506
507
508
509
509
510
511
512
513
514
515
516
517
518
519
519
520
521
522
523
524
525
526
527
528
529
529
530
531
532
533
534
535
536
537
538
539
539
540
541
542
543
544
545
546
547
548
549
549
550
551
552
553
554
555
556
557
558
559
559
560
561
562
563
564
565
566
567
568
569
569
570
571
572
573
574
575
576
577
578
579
579
580
581
582
583
584
585
586
587
588
589
589
590
591
592
593
594
595
596
597
598
599
599
600
601
602
603
604
605
606
607
608
609
609
610
611
612
613
614
615
616
617
618
619
619
620
621
622
623
624
625
626
627
628
629
629
630
631
632
633
634
635
636
637
638
639
639
640
641
642
643
644
645
646
647
648
649
649
650
651
652
653
654
655
656
657
658
659
659
660
661
662
663
664
665
666
667
668
669
669
670
671
672
673
674
675
676
677
678
679
679
680
681
682
683
684
685
686
687
688
689
689
690
691
692
693
694
695
696
697
698
699
699
700
701
702
703
704
705
706
707
708
709
709
710
711
712
713
714
715
716
717
718
719
719
720
721
722
723
724
725
726
727
728
729
729
730
731
732
733
734
735
736
737
738
739
739
740
741
742
743
744
745
746
747
748
749
749
750
751
752
753
754
755
756
757
758
759
759
760
761
762
763
764
765
766
767
768
769
769
770
771
772
773
774
775
776
777
778
779
779
780
781
782
783
784
785
786
787
788
789
789
790
791
792
793
794
795
796
797
798
799
799
800
801
802
803
804
805
806
807
808
809
809
810
811
812
813
814
815
816
817
818
819
819
820
821
822
823
824
825
826
827
828
829
829
830
831
832
833
834
835
836
837
838
839
839
840
841
842
843
844
845
846
847
848
849
849
850
851
852
853
854
855
856
857
858
859
859
860
861
862
863
864
865
866
867
868
869
869
870
871
872
873
874
875
876
877
878
879
879
880
881
882
883
884
885
886
887
888
889
889
890
891
892
893
894
895
896
897
898
899
899
900
901
902
903
904
905
906
907
908
909
909
910
911
912
913
914
915
916
917
918
919
919
920
921
922
923
924
925
926
927
928
929
929
930
931
932
933
934
935
936
937
938
939
939
940
941
942
943
944
945
946
947
948
949
949
950
951
952
953
954
955
956
957
958
959
959
960
961
962
963
964
965
966
967
968
969
969
970
971
972
973
974
975
976
977
978
979
979
980
981
982
983
984
985
986
987
988
988
989
989
990
991
992
993
994
995
996
997
997
998
999
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1029
1030
1031
1032
1033
1034
1035
1036
1037
1038
1039
1039
1040
1041
1042
1043
1044
1045
1046
1047
1048
1049
1049
1050
1051
1052
1053
1054
1055
1056
1057
1058
1059
1059
1060
1061
1062
1063
1064
1065
1066
1067
1068
1069
1069
1070
1071
1072
1073
1074
1075
1076
1077
1078
1079
1079
1080
1081
1082
1083
1084
1085
1086
1087
1088
1089
1089
1090
1091
1092
1093
1094
1095
1096
1097
1098
1099
1099
1100
1101
1102
1103
1104
1105
1106
1107
1108
1109
1109
1110
1111
1112
1113
1114
1115
1116
1117
1118
1119
1119
1120
1121
1122
1123
1124
1125
1126
1127
1128
1129
1129
1130
1131
1132
1133
1134
1135
1136
1137
1138
1139
1139
1140
1141
1142
1143
1144
1145
1146
1147
1148
1149
1149
1150
1151
1152
1153
1154
1155
1156
1157
1158
1159
1159
1160
1161
1162
1163
1164
1165
1166
1167
1168
1169
1169
1170
1171
1172
1173
1174
1175
1176
1177
1178
1179
1179
1180
1181
1182
1183
1184
1185
1186
1187
1188
1188
1189
1189
1190
1191
1192
1193
1194
1195
1196
1197
1197
1198
1199
1199
1200
1201
1202
1203
1204
1205
1206
1207
1208
1209
1209
1210
1211
1212
1213
1214
1215
1216
1217
1218
1219
1219
1220
1221
1222
1223
1224
1225
1226
1227
1228
1229
1229
1230
1231
1232
1233
1234
1235
1236
1237
1238
1239
1239
1240
1241
1242
1243
1244
1245
1246
1247
1248
1249
1249
1250
1251
1252
1253
1254
1255
1256
1257
1258
1259
1259
1260
1261
1262
1263
1264
1265
1266
1267
1268
1269
1269
1270
1271
1272
1273
1274
1275
1276
1277
1278
1279
1279
1280
1281
1282
1283
1284
1285
1286
1287
1288
1288
1289
1289
1290
1291
1292
1293
1294
1295
1296
1297
1297
1298
1299
1300
1301
1302
1303
1304
1305
1306
1307
1308
1309
1309
1310
1311
1312
1313
1314
1315
1316
1317
1318
1319
1319
1320
1321
1322
1323
1324
1325
1326
1327
1328
1329
1329
1330
1331
1332
1333
1334
1335
1336
1337
1338
1339
1339
1340
1341
1342
1343
1344
1345
1346
1347
1348
1349
1349
1350
1351
1352
1353
1354
1355
1356
1357
1358
1359
1359
1360
1361
1362
1363
1364
1365
1366
1367
1368
1369
1369
1370
1371
1372
1373
1374
1375
1376
1377
1378
1379
1379
1380
1381
1382
1383
1384
1385
1386
1387
1388
1388
1389
1389
1390
1391
1392
1393
1394
1395
1396
1397
1397
1398
1399
1399
1400
1401
1402
1403
1404
1405
1406
1407
1408
1409
1409
1410
1411
1412
1413
1414
1415
1416
1417
1418
1419
1419
1420
1421
1422
1423
1424
1425
1426
1427
1428
1429
1429
1430
1431
1432
1433
1434
1435
1436
1437
1438
1439
1439
1440
1441
1442
1443
1444
1445
1446
1447
1448
1449
1449
1450
1451
1452
1453
1454
1455
1456
1457
1458
1459
1459
1460
1461
1462
1463
1464
1465
1466
1467
1468
1469
1469
1470
1471
1472
1473
1474
1475
1476
1477
1478
1479
1479
1480
1481
1482
1483
1484
1485
1486
1487
1488
1488
1489
1489
1490
1491
1492
1493
1494
1495
1496
1497
1497
1498
1499
1499
1500
1501
1502
1503
1504
1505
1506
1507
1508
1509
1509
1510
1511
1512
1513
1514
1515
1516
1517
1518
1519
1519
1520
1521
1522
1523
1524
1525
1526
1527
1528
1529
1529
1530
1531
1532
1533
1534
1535
1536
1537
1538
1539
1539
1540
1541
1542
1543
1544
1545
1546
1547
1548
1549
1549
1550
1551
1552
1553
1554
1555
1556
1557
1558
1559
1559
1560
1561
1562
1563
1564
1565
1566
1567
1568
1569
1569
1570
1571
1572
1573
1574
1575
1576
1577
1578
1579
1579
1580
1581
1582
1583
1584
1585
1586
1587
1588
1588
1589
1589
1590
1591
1592
1593
1594
1595
1596
1597
1597
1598
1599
1599
1600
1601
1602
1603
1604
1605
1606
1607
1608
1609
1609
1610
1611
1612
1613
1614
1615
1616
1617
1618
1619
1619
1620
1621
1622
1623
1624
1625
1626
1627
1628
1629
1629
1630
1631
1632
1633
1634
1635
1636
1637
1638
1639
1639
1640
1641
1642
1643
1644
1645
1646
1647
1648
1649
1649
1650
1651
1652
1653
1654
1655
1656
1657
1658
1659
1659
1660
1661
1662
1663
1664
1665
1666
1667
1668
1669
1669
1670
1671
1672
1673
1674
1675
1676
1677
1678
1679
1679
1680
1681
1682
1683
1684
1685
1686
1687
1688
1688
1689
1689
1690
1691
1692
1693
1694
1695
1696
1697
1697
1698
1699
1699
1700
1701
1702
1703
1704
1705
1706
1707
1708
1709
1709
1710
1711
1712
1713
1714
1715
1716
1717
1718
1719
1719
1720
1721
1722
1723
1724
1725
1726
1727
1728
1729
1729
1730
1731
1732
1733
1734
1735
1736
1737
1738
1739
1739
1740
1741
1742
1743
1744
1745
1746
1747
1748
1749
1749
1750
1751
1752
1753
1754
1755
1756
1757
1758
1759
1759
1760
1761
1762
1763
1764
1765
1766
1767
1768
1769
1769
1770
1771
1772
1773
1774
1775
1776
1777
1778
1779
1779
1780
1781
1782
1783
1784
1785
1786
1787
1788
1788
1789
1789
1790
1791
1792
1793
1794
1795
1796
1797
1797
1798
1799
1799
1800
1801
1802
1803
1804
1805
1806
1807
1808
1809
1809
1810
1811
1812
1813
1814
1815
1816
1817
1818
1819
1819
1820
1821
1822
1823
1824
1825
1826
1827
1828
1829
1829
1830
1831
1832
1833
1834
1835
1836
1837
1838
1839
1839
1840
1841
1842
1843
1844
1845
1846
1847
1848
1849
1849
1850
1851
1852
1853
1854
1855
1856
1857
1858
1859
1859
1860
1861
1862
1863
1864
1865
1866
1867
1868
1869
1869
1870
1871
1872
1873
1874
1875
1876
1877
1878
1879
1879
1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1889
1890
1891
1892
1893
1894
1895
1896
1897
1898
1898
1899
1899
1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928
1929
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1988
1989
1989
1990
1991
1992
1993
1994
1995
1996
1997
1997
1998
1999
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2049
2050
2051
2052
2053
2054
2055
2056
2057
2058
2059
2059
2060
2061
2062
2063
2064
2065
2066
2067
2068
2069
2069
2070
2071
2072
2073
2074
2075
2076
2077
2078
2079
2079
2080
2081
2082
2083
2084
2085
2086
2087
2088
2088
2089
2089
2090
2091
2092
2093
2094
2095
2096
2097
2097
2098
2099
2099
2100
2101
2102
2103
2104
2105
2106
2107
2108
2109
2109
2110
2111
2112
2113
2114
2115
2116
2117
2118
2119
2119
2120
2121
2122
2123
2124
2125
2126
2127
2128
2129
2129
2130
2131
2132
2133
2134
2135
2136
2137
2
```

```

105
106     {
107         mysqli_query($db, "INSERT INTO covid_cases(id,covid_case,Covid_date) VALUES ('$client_id',1,'$real_date_string')");
108     }
109 }
110 $for_loops=$for_loops + 1;
111 }
112 }
113 }
114 }
115 }
116 }
117 }
118 ?>

```

## Declare\_visit\_backend.php

```

1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 $data = array();
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true)
9 {
10     $query = mysqli_query($db, "SELECT * from stores");
11
12     while($row = mysqli_fetch_assoc($query))
13     {
14         array_push($data, array('id'=>$row['id'], 'name'=>$row['Name'], 'address'=>$row['Address'], 'loc'=>[$row['lat'], $row['lng']]));;
15     }
16 }
17
18 ?>

```

## Declare\_visit\_upload\_backend.php

```

1 <?php
2 session_start();
3
4 include "Connector.php";
5
6 if($_SERVER["REQUEST_METHOD"]=="POST" && $_SESSION['loggedin'] == true)
7 {
8     $katast_episk = $_POST['giorgos'];
9
10    date_default_timezone_set('Europe/Athens');
11
12    $today_datetime = date('Y-m-d H:i:s');
13
14    $store_latitude = $katast_episk['loc'][0];
15
16    $store_longitude = $katast_episk['loc'][1];
17
18    $store_name = $katast_episk['name'];
19
20    $store_address = $katast_episk['address'];
21
22    $store_id = $katast_episk['id'];
23
24    $estimation = $katast_episk['estimation'];
25
26    $client_id = $_SESSION['client_id'];
27
28    mysqli_query($db, "INSERT INTO user_visits(User_id,id_store,Address,Name,lat,lng,Date_of_upload,estimation) VALUES('$client_id','$store_id','$store_address','$store_name','$estimation')");
29
30 ?>

```

## Data backend.php

```
1 <?php
2 session_start(); //$_SESSION[]
3
4 include 'Connector.php';
5
6 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true)
7 {
8     $count_cases = 0;
9
10    $positive = mysqli_query($db,"SELECT DATEDIFF(covid_cases.Covid_date, user_visits.Da
11    $data="SELECT count(*) AS user_visits FROM user_visits; ";
12
13    $data.="SELECT count(*) AS covid_case FROM covid_cases;";
14
15    while($row = mysqli_fetch_assoc($positive))
16    {
17        if($row['Difference']>=-7 && $row['Difference']<=14)
18            | $count_cases = $count_cases + 1;
19    }
20
21
22    if(mysqli_multi_query($db,$data))
23    {
24        $JSON = array();
25
26        do
27        {
28            if($result = mysqli_store_result($db))
29                while($row = mysqli_fetch_assoc($result))
30                    | array_push($JSON,$row);
31
32        while(mysqli_next_result($db));
33    }
34
35    array_push($JSON,array('positive'=>$count_cases));
36
37    echo json_encode($JSON,true);
38
39
40
41
42 ?>
```

## Data backend 1.php

```
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 $data = array();
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true && $_SESSION['role'] == '1') {
9     $query = mysqli_query($db,"SELECT types,id FROM stores");
10
11    while($row = mysqli_fetch_assoc($query))
12        | array_push($data,$row);
13
14
15    echo json_encode($data, true);
16    //print_r($data);
17
18 ?>
```

## Data backend 2.php

```
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 $data = array();
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true && $_SESSION['role'] == '1') {
9     $query = mysqli_query($db,"SELECT types FROM user_visits INNER JOIN stores ON user_visits.id_store = stores.id");
10
11    while($row = mysqli_fetch_assoc($query))
12        | array_push($data,$row);
13
14
15    echo json_encode($data, true);
16
17
18
19
20
21
22
23
24
25 ?>
```

## Data backend 3.php

```
1 <?php
2 session_start();
3
4 include 'Connector.php';
5
6 $data = array();
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true && $_SESSION['role'] == '1'){
9     $query = mysqli_query($db,"SELECT stores.types FROM stores INNER JOIN user_visits ON stores.id = user_visits.id_store INNER JOIN covid_cases ON
10
11 while($row = mysqli_fetch_assoc($query)){
12     array_push($data,$row);
13 }
14
15 echo json_encode($data, true);
16
17
18
19
20 ?>
21
```

## covid\_visit.php

```
1 <?php include 'header.php' ?>
2 <title>Spot Covid</title>
3
4 <div class="scrollmenu">
5     <a href="index.php">Home</a>
6     <a href="Visualization.php">Καταστήματα-POI</a>
7     <a class="active" href="Declare_visit.php">Δηλωση Επίσκεψης</a>
8     <a href="covid_visit.php">Πιθανή Επαφή με Κρούσμα</a>
9     <a href="Declare_Covid.php">Δήλωση Κρούσματος</a>
10    <a href="Profile Management.php">Προφίλ</a>
11    <a href="logout.php">Logout</a>
12 </div>
13
14 <body>
15     <h1>COVID VISITS WITHIN 2 HOURS</h1>
16     <table id = "table">
17         </table>
18     <h1>COVID VISITS WITHIN 7 DAYS</h1>
19     <table id = "table1">
20         </table>
21 </body>
22 <script>
23
24 const request = $.ajax({
25     url:"covid_visit_backend.php",
26     method:"POST",
27     dataType:"json",
28     success: function(data){
29         console.log(data);
30         $.ajax({
31             url:"covid_visit_backend_b.php",
32             method:"POST",
33             dataType:"json",
34             success: function(dat){
35                 console.log(dat);
36
37                 var table1 = document.getElementById("table1");
38
39                 let thead1 = document.createElement('thead');
40                 let tbody1 = document.createElement('tbody');
41
42                 table1.appendChild(thead1);
43                 table1.appendChild(tbody1);
44
45                 let row_1 = document.createElement('tr');
46                 let heading_1 = document.createElement('th');
47                 heading_1.innerHTML = "Name";
48                 let heading_2 = document.createElement('th');
49                 heading_2.innerHTML = "Date of other user visit";
50                 let heading_3 = document.createElement('th');
51                 heading_3.innerHTML = "Name";
52                 let heading_4 = document.createElement('th');
53                 heading_4.innerHTML = "Date of user visit";
```

```

54
55
56         row_1.appendChild(heading_1);
57         row_1.appendChild(heading_2);
58         row_1.appendChild(heading_3);
59         row_1.appendChild(heading_4);
60         thead1.appendChild(row_1);
61
62     for(let i=0;i<dat.length;i++){
63         let row = document.createElement('tr');
64         let row_name_users = document.createElement('td');
65         let row_date_users = document.createElement('td');
66         let row_name_user = document.createElement('td');
67         let row_date_user = document.createElement('td');
68
69
70         row_name_users.innerHTML = dat[i].other_users_b.Name;
71         row_date_users.innerHTML = dat[i].other_users_b.Date_of_upload;
72         row_name_user.innerHTML = dat[i].user_b.Name;
73         row_date_user.innerHTML = dat[i].user_b.Date_of_upload;
74
75
76         row.appendChild(row_name_users);
77         row.appendChild(row_date_users);
78         row.appendChild(row_name_user);
79         row.appendChild(row_date_user)
80         tbody1.appendChild(row);
81
82     }
83 }
84 });
85
86 var table = document.getElementById("table");
87
88 let thead = document.createElement('thead');
89 let tbody = document.createElement('tbody');
90
91 table.appendChild(thead);
92 table.appendChild(tbody);
93
94 let row_1 = document.createElement('tr');
95 let heading_1 = document.createElement('th');
96 heading_1.innerHTML = "Name";
97 let heading_2 = document.createElement('th');
98 heading_2.innerHTML = "Date of other user visit";
99 let heading_3 = document.createElement('th');
100 heading_3.innerHTML = "Name";
101 let heading_4 = document.createElement('th');
102 heading_4.innerHTML = "Date of user visit";
103
104
105 row_1.appendChild(heading_1);
106 row_1.appendChild(heading_2);
107 row_1.appendChild(heading_3);
108 row_1.appendChild(heading_4);
109 thead.appendChild(row_1);
110
111 for(let i=0;i<data.length;i++){
112     let row = document.createElement('tr');
113     let row_name_users = document.createElement('td');
114     let row_date_users = document.createElement('td');
115     let row_name_user = document.createElement('td');
116     let row_date_user = document.createElement('td');
117
118
119     row_name_users.innerHTML = data[i].other_users.Name;
120     row_date_users.innerHTML = data[i].other_users.Date_of_upload;
121     row_name_user.innerHTML = data[i].user.Name;
122     row_date_user.innerHTML = data[i].user.Date_of_upload;
123
124
125     row.appendChild(row_name_users);
126     row.appendChild(row_date_users);
127     row.appendChild(row_name_user);
128     row.appendChild(row_date_user)
129     tbody.appendChild(row);
130
131 }
132
133 }
134
135
136
137
138 </script>
139

```

## covid visit backend.php

```
1 <?php
2
3 session_start();
4
5 include "Connector.php";
6
7
8 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true){
9
10 $JSON = array();
11 $store_data_0 = array();
12 $store_data_1 = array();
13 $store_data_2 = array();
14 $common_stores = array();
15
16 $client_id = $_SESSION['client_id'];
17 $datetime = date('Y-m-d H:i:s');
18
19
20 $positive_id=mysqli_query($db,"SELECT id, Covid_date FROM covid_cases WHERE DATEDIFF('$datetime',Covid_date)<=7");//Last 7 days
21
22 while($row = mysqli_fetch_assoc($positive_id)){
23     if (in_array($row,$JSON) == false){
24         array_push($JSON,$row);
25     }
26 }
27
28 for ($i=0;$i<sizeof($JSON);$i++){
29     $positive_id = $JSON[$i]['id'];
30     $covid_date = $JSON[$i]['Covid_date'];
31
32
33 $stores_positive = mysqli_query($db,"SELECT id_store, Name, Date_of_upload FROM user_visits WHERE User_id='$positive_id' ");
34 $stores_user = mysqli_query($db,"SELECT id_store, Name, Date_of_upload FROM user_visits WHERE User_id='$client_id' ");//Stores
35
36 while($row = mysqli_fetch_assoc($stores_positive)){
37     if (in_array($row,$store_data_0) == false){
38         array_push($store_data_0,$row);
39     }
40 }
41
42 while($row = mysqli_fetch_assoc($stores_user)){
43     if(in_array($row,$store_data_1) == false){
44         array_push($store_data_1,$row);
45     }
46 }
47
48
49
50 for ($i=0;$i<sizeof($store_data_0);$i++) {
51     for ($j=0;$j<sizeof($store_data_1);$j++) {
52
53         $time_0 = strtotime($store_data_0[$i]['Date_of_upload']);
54         $time_1 = strtotime($store_data_1[$j]['Date_of_upload']);
55
56         if ( ($store_data_0[$i]['id_store'] == $store_data_1[$j]['id_store']) && abs($time_0 - $time_1)<=7200 ) {
57             array_push($common_stores,array('user'=>$store_data_1[$j],'other_users'=>$store_data_0[$i]));
58
59         }
60     }
61 }
62
63
64
65 echo json_encode($common_stores, true);
66
67
68
69
70
71 ?>
```

## Covid visit backend b.php

```
1 <?php
2 session_start();
3
4 include "Connector.php";
5
6 if($_SERVER["REQUEST_METHOD"] == "POST" && $_SESSION['loggedin'] == true){
7
8 $datetime = date('Y-m-d H:i:s');
9 $client_id = $_SESSION['client_id'];
10 $JSON = array();
11 $store_data = array();
12 $store_data_1 = array();
13 $common_stores = array();
14
15 $positive_id=mysqli_query($db,"SELECT id, Covid_date FROM covid_cases WHERE DATEDIFF('$datetime',Covid_date)<=7");//L
16
17
18 while($row = mysqli_fetch_assoc($positive_id)){
19     if (in_array($row,$JSON) == false){
20         array_push($JSON,$row);
21     }
22 }
23
24
25 for($i=0;$i<sizeof($JSON);$i++){
26     $positive_id = $JSON[$i]['id'];
27     $covid_date = $JSON[$i]['Covid_date'];
28
29     $stores_user = mysqli_query($db,"SELECT id_store, Name, Date_of_upload FROM user_visits WHERE User_id='$client_id'";
30     $stores_positive_b = mysqli_query($db,"SELECT id_store, Name, Date_of_upload FROM user_visits WHERE User_id = '$positive_id'");
31
32     while($row = mysqli_fetch_assoc($stores_positive_b)){
33         array_push($store_data,$row);
34     }
35
36     while($row = mysqli_fetch_assoc($stores_user)){
37         if(in_array($row, $store_data_1) == false){
38             array_push($store_data_1, $row);
39         }
40     }
41
42 }
43
44 for($i=0;$i<sizeof($store_data_1);$i++){
45     for($j=0;$j<sizeof($store_data);$j++){
46         $time_0 = strtotime($store_data_1[$i]['Date_of_upload']);
47         $time_1 = strtotime($store_data[$j]['Date_of_upload']);
48         //change
49         if($store_data_1[$i]['id_store'] == $store_data[$j]['id_store'] && abs($time_0 - $time_1)>7200){
50             array_push($common_stores,array('user_b'=>$store_data_1[$i],'other_users_b'=>$store_data[$j]));
51         }
52     }
53 }
54
55
56 echo json_encode($common_stores, true);
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74 ?>
```