

AtlantaGFO

Atlanta Gardens , Farms and Orchard Management System

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Content

Goal

Technologies and methods

Example

Overview

What this for...



Managing and viewing farm system in Atlanta !

What functions about...



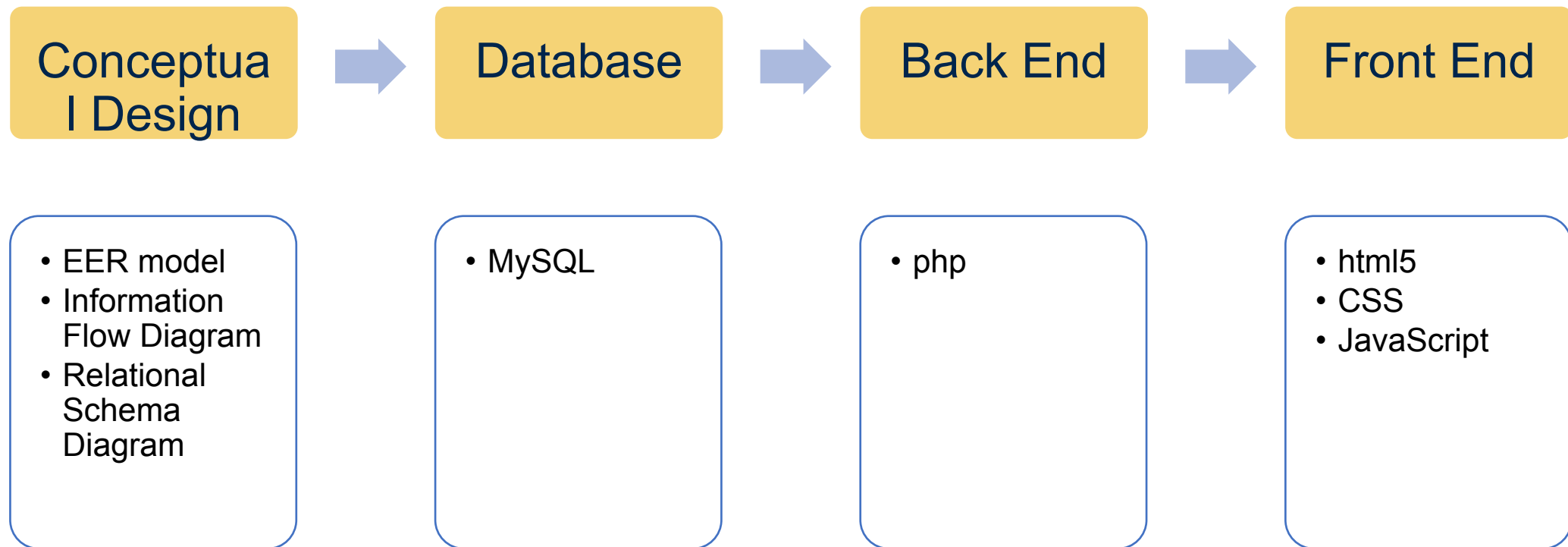
Web interface for manage and viewing all the farms



Rating the properties if you like



Search farms you are interested in



Conceptual Design

EER Diagram & Relational Schema Diagram

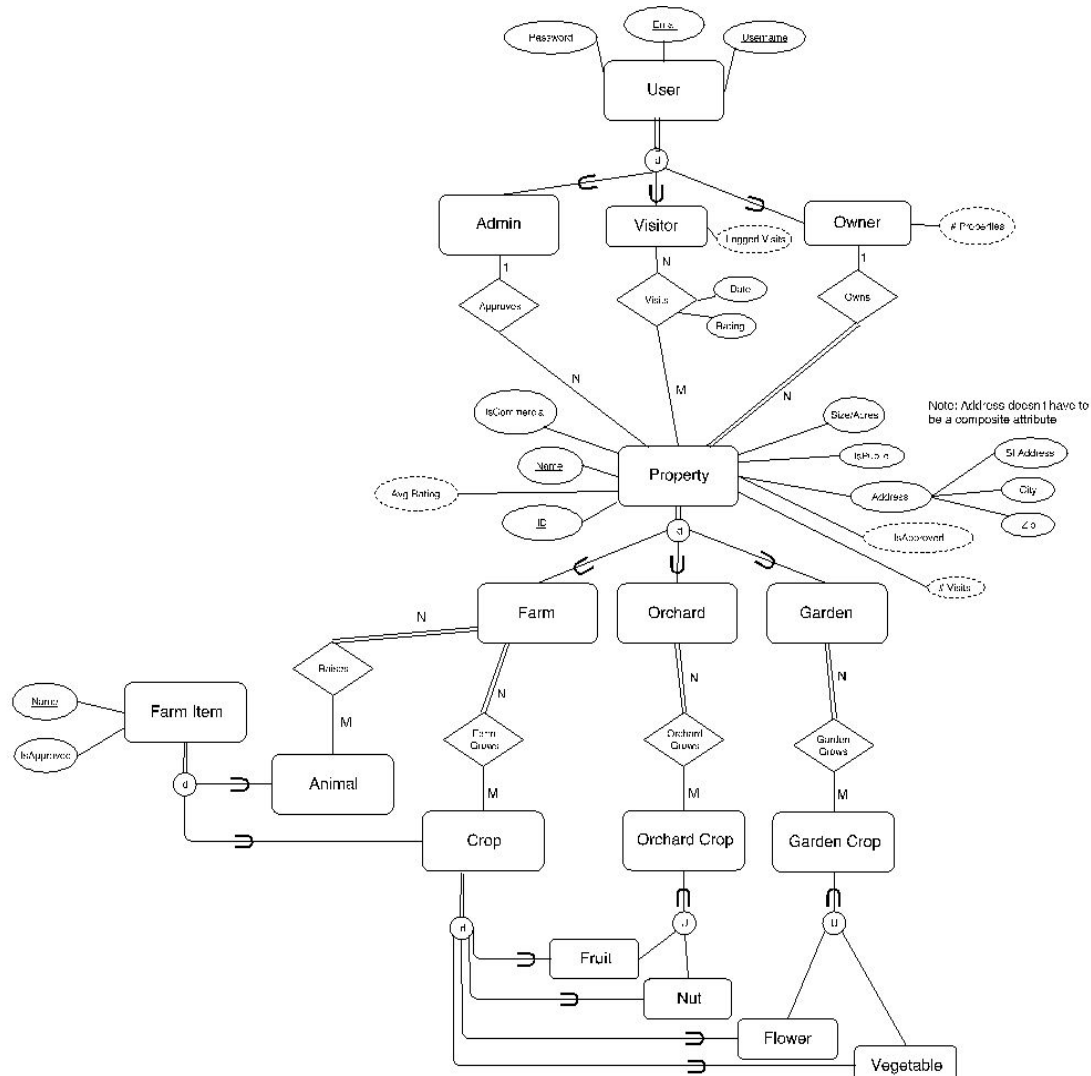


Fig1. EER Diagram

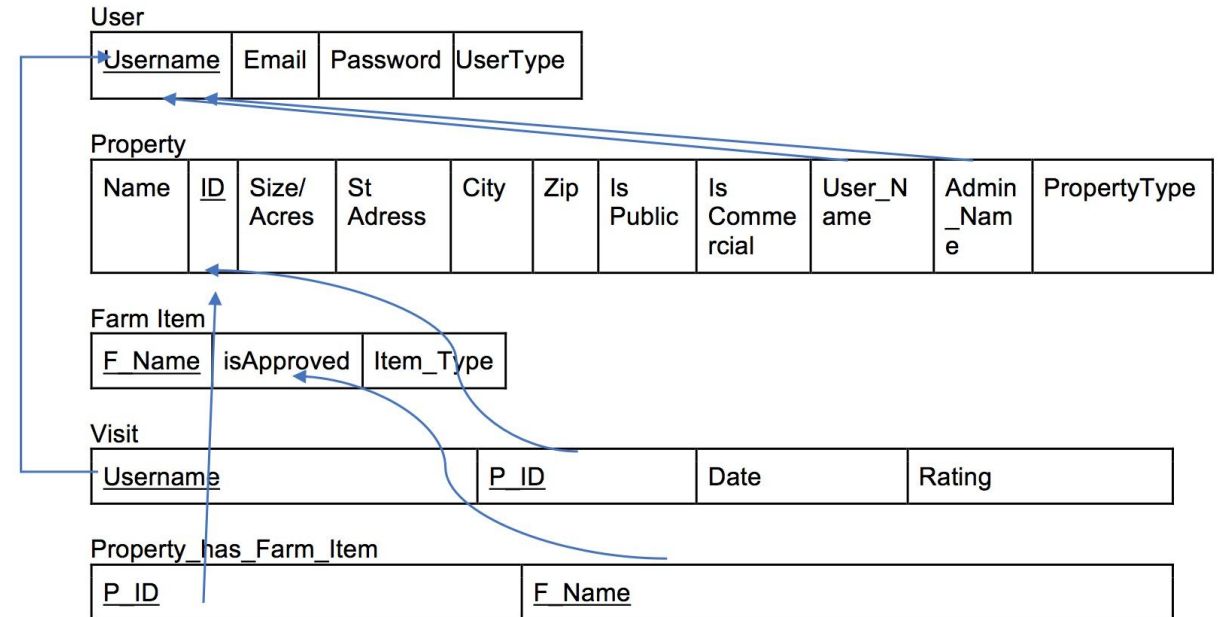


Fig2. Relational Schema Diagram

Implement

Front end, backend and database (log in)

```
mysql> select * from user;
```

Email	Username	Password	User_type
anthony.dinozzo@ncis.mil.gov	adinozzo	56d102aedbaecbad96020fbac6eb4956e63f6c7h	2
zuckerburg@fb.com	admin1	87596a5c283863da839fd5b63d	
michael@gmail.com	admin2	69746390a55d565d562d80cc94	
awoods30@gatech.edu	ashton.woods	4da1a3273255c61dc929db1296	
bobbilly@harvard.edu	billybob	265d375682055e4e30ca281dae	
ceo@gatech.edu	ceo	25d669c792a98ad9895af32030	
farmerJoe@gmail.com	farmowner	6a4918e198e609d5a065c9f4cc	
gardenerSteve@hotmail.com	gardenowner	2a0f66ad17454ac73a2a639ba7	
bill@yahoo.com	greenguy	14400de41171757e276d189a19	
flowerpower@gmail.com	iloveflowers	965bfc0e26835d9acfb749a15f	
kateellis@gatech.edu	kellis	3abc7582becb0fab08b5663861	

```
$hash = sha1($password);
$sql = "SELECT Username, User_type FROM USER WHERE Username='$username'
AND Password='$hash'";
$result = mysqli_query($link, $sql);
$userdata = mysqli_fetch_row($result);
if ($userdata) {
    // awesome, we're logged in
    $_SESSION['Username'] = $userdata[0];
    $_SESSION['User_type'] = $userdata[1];
} else {
    notify('Invalid password', -1);
    return false;
}
```

```
$action = @$_POST['action'];
if ($action == 'login') {
    login($_POST['uname'], $_POST['psw'], $link);
} elseif ($action == 'visrgs') {
    header('location: /3_visitor_rgs.php');
} elseif ($action == 'ownrgs') {
    header('location: /2_owner_rgs.php');
}

if (name() && usertype()==1) {
    header('location: /4_owner_db.php');
} elseif (name() && usertype()==2) {
    header('location: /16_visitor_db.php');
} elseif (name() && usertype()==0) {
    header('location: /8_admin_db.php');
}
```


Implement

Web Interface (log in)

The screenshot shows a web interface for 'Atlanta Farm, Gardens and Orchards'. The background is a dark green field of round fruits, likely avocados. In the top left corner, the word 'HOME' is visible. The main heading 'ATLANTA FARM, GARDENS AND ORCHARDS' is centered in large white letters. Below it, a smaller line of text says 'Search farm system in Atlanta!'. On the right side, there is a white login box with a dark blue header 'Log in'. Inside the box, there are two white input fields labeled 'Username' and 'Password'. Below these fields are three orange buttons: 'LOG IN', 'NEW OWNER REGISTRATION', and 'NEW VISITOR REGISTRATION'.

HOME

ATLANTA FARM, GARDENS AND ORCHARDS

Search farm system in Atlanta!

Log in

Username

Password

LOG IN

NEW OWNER REGISTRATION

NEW VISITOR REGISTRATION



Your Properties

NAME	ADDRESS	CITY	ZIP	SIZE	TYPE	PUBLIC	COMMERCIAL	ID	ISVALID	VISITS	AVG RATING
East Lake Urban Farm	2nd Avenue	Atlanta	30317	20.00	FARM	False	True	00001	False	0	
Kenari Company Farm	100 Hightower Road	Roswell	30076	3.00	FARM	True	True	00005	True	3	2.6667

Select..

Search Property..

Search

Manage Property

Add Property

View Other Properties

Challenges & What we learnt

- 0 experimence on all the technologies we need
- Making first piece of progress is hard

Further Improvement

Security:

- SQL Injection – input filter
- Session cookie

Function:

- Add pictures of farms

Questions?