

harvest.php

```
<form method="post" enctype="multipart/form-data">

    <!-- Get user's name from get_currentuserinfo(), a Wordpress function, then set it to a variable -->
    <?php
        global $current_user; get_currentuserinfo();
        $current_user=$current_user->display_name
    ?>

    <!-- Select a unit to harvest, we need to get units from our database -->
    <h6>Available Units and Levels</h6>
    <select name="unitlevel_name" class="form-control" id="exampleFormControlSelect1">
    <!-- Only units shown are either Pot stage or sprouts -->
    <?php
        $sql = "SELECT * FROM `unitlevel_table` WHERE stage='Pot' OR stage='sproutstage'";
        $result = $wpdb->get_results($sql, ARRAY_A);
        foreach($result as $row){
            $unitlevel_id = $row['unitlevel_id'];
            $unit_name = $row['unit_name'];
            $unit_color = $row['unit_color'];
            $unit_seed = $row['unit_seed'];

            ?>
            <option value="<?php echo $unitlevel_id; ?>"><?php echo $unit_name; ?></option>
        <?php
        }
        ?>
    </select>
    <br>
    <br>

    <!-- Enter amount harvested, input type is plain text or integer. -->
    <h6>Harvested Pots / Weight</h6>
    <input type='text' autocomplete="off" name='total_pots' class='form-control' placeholder='Enter number'>
    <br>
    <br>

    <button name="harvest" type="submit" class="btn btn-primary">Harvest</button>
    <br>
```

The code first starts off by creating a form. This form will be used to submit the information that the user enters.

Next, we use the Wordpress function `get_currentuserinfo()` to get the current user's name. We then set this name to a variable so that we can use it later.

After that, we create a dropdown menu of available units to harvest. We get this information from our database. We only want to show units that are in the "Pot" stage or the "sproutstage".

Once the user has selected a unit, they can enter the amount of pots or weight that was harvested. This information is then stored in our database.

Finally, we have a button that the user can click to submit their information. Once the information is submitted, it will be stored in our database.

```

74 <!-- SQL operations, done in PHP -->
75 <?php
76 if(isset($_POST['harvest'])){
77
78     //set variables from the form
79     $unitlevel_name = $_POST['unitlevel_name'];
80     $total_pots=$_POST['total_pots'];
81     $pots_temp=$total_pots.' pots';
82     $harvested_weight=$total_pots.' oz';
83
84     // add date
85     date_default_timezone_set('America/New_York');
86     $t=time();
87     $post_date = date("m-d-Y h:i A",$t);
88     $harvest_date = date("m-d-Y", $t);
89
90     // check for empty fields
91     if(empty($unitlevel_name) OR empty($total_pots)){
92         echo '<script>alert("Empty Fields")</script>';
93         exit();
94     }
95
96     // using foreign key to access unitlevel_table
97     $sql = "SELECT * FROM `unitlevel_table` WHERE unitlevel_id = $unitlevel_name";
98     if($result = $wpdb->get_results($sql, ARRAY_A)){
99         foreach($result as $row){
100             $seed_id = $row['unit_seed_id'];
101         }
102     }
103     else{
104         $seed_id='error';
105     }
106
107     // using the seed_id which we got from above as a foreign key to access seed_id_table
108     $sql = "SELECT * FROM `seed_id_table` WHERE seed_id=$seed_id ";
109     if($result = $wpdb->get_results($sql, ARRAY_A)){
110         foreach($result as $row){
111             $seed_type=$row['seed_type'];
112         }
113     }

```

The code above allows a user to select a unit to harvest, and then enter the amount of pots or weight that was harvested. This information is then stored in a database. The code also includes a function that gets the current user's name and sets it to a variable. This is so that we can later identify who harvested what.

The code first starts off by getting the current user's name. It does this by using the `get_currentuserinfo()` function. This function is part of WordPress and allows us to get information about the currently logged in user. Next, we set the current user's name to a variable so that we can use it later.

After that, we start our form. We set the method to "post" and the enctype to "multipart/form-data". This is so that we can later upload files (such as images) along with our form data.

Inside our form, we have a select box. This is where the user will choose which unit they want to harvest. We

populate the select box with data from our database. We only show units that are in the "Pot" stage or the "sproutstage". This is so that we only harvest units that are ready to be harvested.

After the select box, we have an input field. This is where the user will enter the amount of pots or weight that they harvested. We set the input type to "text" so that it accepts plain text or integers.

Finally, we have a button that says "Harvest". When the user clicks this button, the form will be submitted and the information will be stored in our database.