**Set-Up Development Environment**

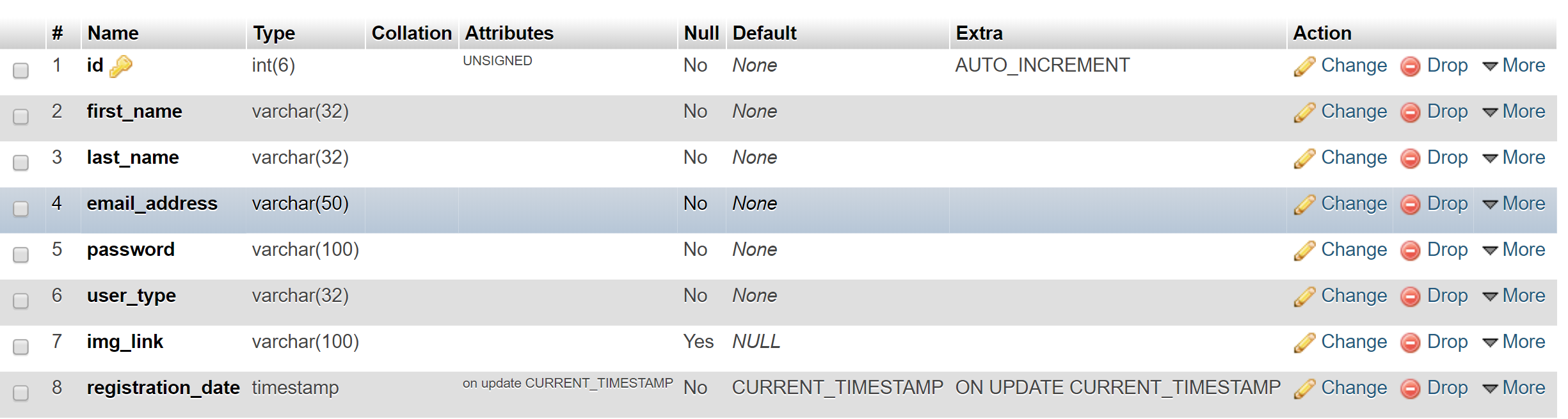
1. Download XAMPP
2. Open the htdocs folder (usually at C:\xampp\htdocs)
3. Right-click and choose Git Bash
4. Clone the repository using:

git clone <https://github.com/stefdworschak/iNominate.git>

1. Open XAMPP and start Apache and MySQL
2. Open Chrome at “localhost/iNominate”

**DB Setup**

1. Open Chrome at “localhost/”
2. Click on phpMyAdmin at the top right
3. In the window that pops up open database “test”
   1. If it does not exist, create it
4. Create a table called “users”



**[TO BE EXTENDED/UPDATED]**

**File Structure**

* **core [folder]** – includes all view files, important functions to run the app (e.g. JavaScript, CSS, php)
* **index.php [file]** – is the root file that sets up the structure of the page
* **README**.md [file] – has instructions on how to use git
* **admin\_table.php/alter\_table.php** [file] – these are admin php scripts to view/alter/create the MySQL tables because Heroku MySQL table does not have a UI to view tables etc.
  + Use **admin\_table.php** to view tables in prod environment and some sample data

**Env\_var.php (in core)**

* This file has all the information necessary to connect to the mysql database
* It is configured in order for you to only have to change one line between dev and prod environment.

For dev (xampp/localhost) change line 12 to: ***$m = 0;***

For prod (Heroku) change line 12 to: ***$m = 1;*** *(always change it to this before you push to github)*

**connect.php (in core/functions)**

* This file has the DBClass class which is our MySQL object
* It uses PDO prepared statements & bindParams to select, insert, update our tables in the MySQL database

Usage:

*<?php*

*// first always require init.php*

*// Not necessary for any views because it is included on index.php*

*require(‘init.php’);*

*// then instantiate the DBClass object*

*$c = new DBClass;*

*// then execute your DBClass method e.g. fetch user information*

*$user\_data = $c->fetchUserData(‘myemail@email.com’);*

*?>*

* To create a new method add it to the connect.php file  
  For example (to retrieve all records in the `users` table);

*function getAll(){*

*//Establish connection to DB*

*$this->connect();*

*$tbl = 'users';*

*//Prepare your statement*

*$stmt = $this->conn->prepare("SELECT \* FROM `{$tbl}`;);*

*$stmt->execute();*

*$f = $stmt->fetchAll();*

*// Close connection*

*$this->close();*

*return$f[0];*

*}*

**Important functions/considerations**

1. **Include/require/require\_once:**  
   These functions include another file within the current file e.g.:

**In index.php**

*<div class=”container”>*

*<?php include(‘page.php’); ?>*

*</div>*

**In page.php**

*<h1> Hello, world! </h1>*

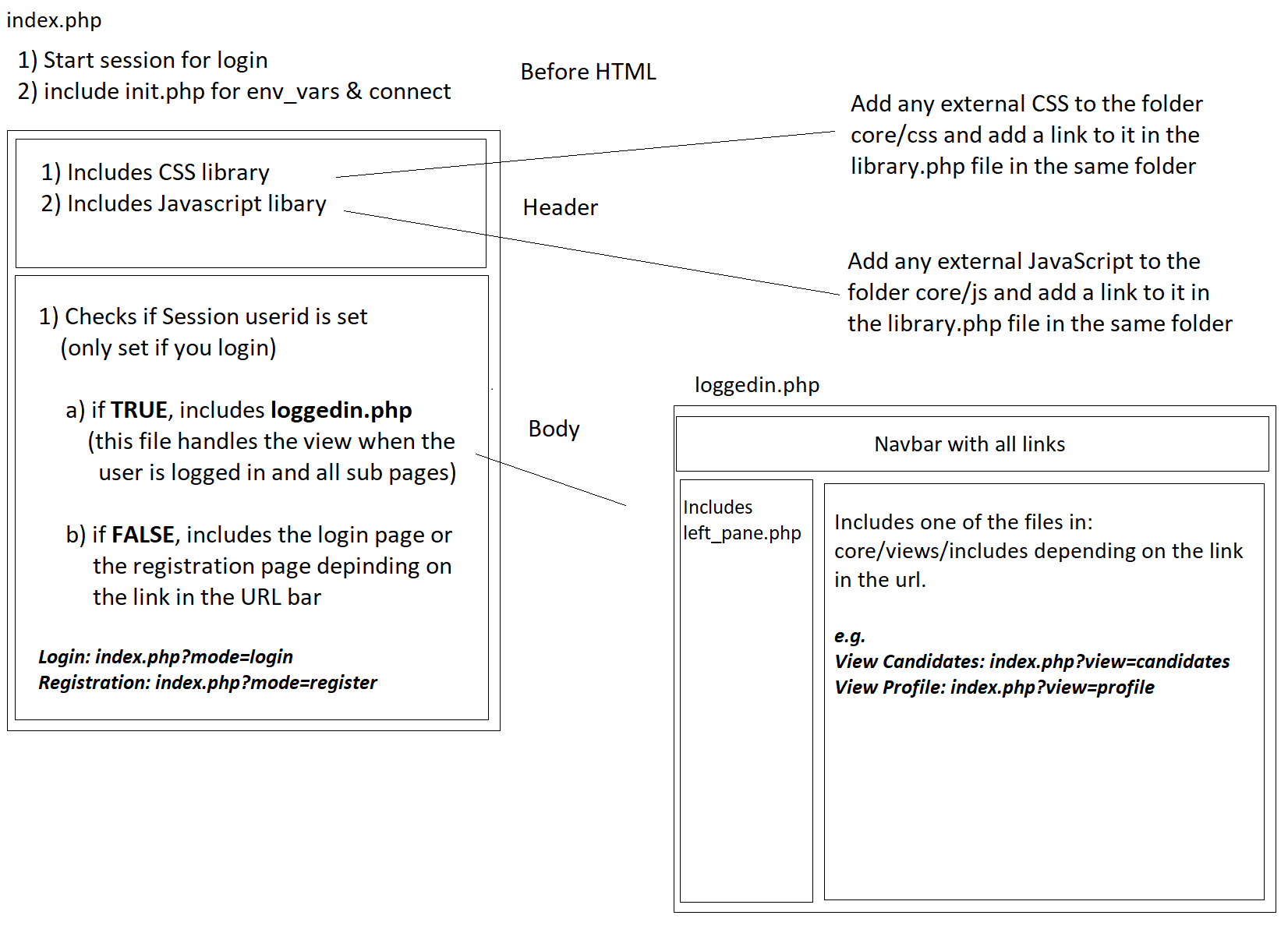
**Result:***<div class=”container”>*

*<h1> Hello, world! </h1>*

*</div>*

1. **Session\_start()**Before calling any $\_SESSION variables, call session\_start() to initialize the session. It’s not necessary to call this again on included pages if it is called on the super-page.   
   Also, always call this function at the very start of your page.
2. **Header**Header is used as redirect e.g. header(‘Location:index.php’); will redirect to the index.php page.
3. **Relative paths**For all files (e.g.images, includes, redirecting) make sure to use the relative path. It will sometimes take you

**Website Layout (index.php, views and static files)**

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