

How to Select Categories in Php Web App?

Category table:

| id | adi | url | parent |
|----|------------|------------|--------|
| 1 | Elektronik | elektronik | NULL |
| 2 | Laptop | laptop | 1 |

We can use following codes to extract parent->child category array:

```
/**
 * Show the application dashboard.
 *
 * @return \Illuminate\Http\Response
 */
public function index()
{
    $categories = DB::table('kategori as k1')
        ->join('kategori as k2', 'k1.id', '=', 'k2.parent')
        ->select('k1.adi as parent_adi', 'k1.url as parent_url', 'k2.adi as child_adi', 'k2.url as
child_url')
        ->get();
    $parents = array();
    $parentNames = array();
    foreach ($categories as $category) {
        if (in_array($category->parent_adi, $parentNames)) continue;
        $parentNames[] = $category->parent_adi;
        $parents[] = array("adi" => $category->parent_adi, "url" => $category->parent_url);
    }
    $result = array();

    foreach ($parents as $parent) {
        $children = array();
        foreach ($categories as $category) {
            if ($parent["adi"] == $category->parent_adi) {
                $children[] = array("adi" => $category->child_adi, "url" => $category->child_url);
            }
        }
        $result[] = array("parent" => $parent, "children" => $children);
    }

    return view('client.index')->with("categories", $result);
}
```

index.blade.php page

```
<div class="collapse navbar-collapse" id="bs-megadropdown-tabs">
  <ul class="nav navbar-nav">
    <li class="active"><a href="home" class="act">Ana Sayfa</a></li>
    @foreach($categories as $category)
    <li class="dropdown">
      <a href="/{{$category["parent"]["url"]}}" class="dropdown-toggle"
      data-toggle="dropdown">{{$category["parent"]["adi"]}}
      <b class="caret"></b></a>
      <ul class="dropdown-menu columns-2">
        <div class="row">
```

```
<div class="col-sm-3">
  <ul class="multi-column-dropdown">
    @foreach($category["children"] as $child)
      <li><a href="/{{$child["url"]}}">{{$child["adi"]}</a></li>
    @endforeach
  </ul>
</div>
</div>
</ul>
</li>
@endforeach
<li><a href="mailto:">İletişim</a></li>
</ul>
</div>
```