

Laravel - Using Controllers and Routes for URLs and APIs

web.php

```
_Route::get('/question', [App\Http\Controllers\QuestionController::class, 'index']);
```

Question.blade.php

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<title>Document</title>
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-
pvPw+upLPUjgMXy0G+8O0xUf+/Im1MZjXxxgOcBQBXU="
crossorigin="anonymous"></script>
<script src="lib/jquery.js"></script>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CU
G65"
crossorigin="anonymous"></link>
```

```
</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col-lg-8">
        <div class="card card-item">
          <form method="post" class="card-body" id="questionform" >
            @csrf
            <div class="form-group">

              <label >Question</label>
              <input class="form-control" type="text" name="question" >
            </div>
            <br>
            <div class="form-group">
              <label >Question</label>
              <input class="form-control" type="text" name="question" >
            </div>
            <br>
            <div class="form-group">
              <label >Question details</label>
              <textarea class="form-control" type="text" name="discription"
                rows="3"></textarea>
            </div>
            <br>
```

```
<div class="form-group">
  <label >Question Category</label>
  <select class="form-control" id="category" name="category" >
    <option value="Technology" >Technology</option>
    <option value="Programs" >Programs</option>
    <option value="Marketing" >Marketing</option>
  </select>
</div>
<br>
<button type="submit" class="btn btn-primary" >Submit</button>
</form>
</div>
</body>
<script>
function postquestion(){
  event.preventDefault();
  let FormData = $("#questionform").serializeArray() ;
  console.log(FormData);
  var result = {};
  $.each(FormData, function() {
    result[this.name] = this.value;
  });
  //console.log(result);
  let header_for_post = {
```

```
method: 'POST',
mode:'cors',
header:{"Content-type" : "application/json"},
body: JSON.stringify(result) ,
}
console.log(header_for_post);
fetch("http://localhost:8000/api/postquestion",header_for_post).then((res) =>
res.json()).then((response) => {
console.log(response);
});
}
</script>
</html>
```

api.php

```
Route::post('/postquestion', [App\Http\Controllers\QuestionController::class,
'store']);
```

QuestionController.php

```
public function store(Question $question, Request $request)
{
//dd($request);
$request->validate([
```

```
'question'=>'required',  
'category'=>'required',  
'discription'=>'required'  
]);  
$question->user_id=Auth::user()->id;  
$question->question=$request->question;  
$question->category=$request->category;  
$question->discription=$request->discription;  
$question->save();  
// echo "<pre>";  
// print_r($request->all());  
return redirect('/allquestion');  
}
```