

Step 1: Install Livewire

composer require livewire/livewire

Step 2: running a livewire command,

php artisan make:livewire book-list

Step 2 korle ekta php file and ekta view file create hobe,

```
COMPONENT CREATED 🎉

CLASS: app/Livewire//BookList.php
VIEW: C:\Users\tahmi\OneDrive\Desktop\laravel_livewire\projects\livewire-3-crash-course\resources\views\livewire\book-list.blade.php

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Congratulations, you've created your first Livewire component! 🎉🎉🎉
```

Step 3: just simply render korano holo javabe, from **book-list.blade.php**,

```
<div>
  <header class="flex justify-between">
    <div>
      <h2>Hi</h2>
      <p>Here's is a list of your book reviews...</p>
    </div>
  </header>
</div>
```

Now from welcome.blade.php, use the livewire blade snippet like this,

```
<main>
  <h2>Welcome to the Livewire Crash Course!</h2>
  <livewire:book-list></livewire:book-list>
</main>
```

Passing data to the view,

Here **Booklist.php** works like controller, where we can pass values through it,

```
class BookList extends Component
{
    public $name = "Mario";

    public function render()
    {
        return view('livewire.book-list', [
            'books' => Book::all()
        ]);
    }
}
```

Now from **book-list.blade.php**,

```
<div>
  <header class="flex justify-between">
    <div>
      <h2>Hi {{ $name }}</h2>
      <p>Here's is a list of your book reviews...</p>
    </div>
  </header>

  <ul class="list">
    @foreach($books as $book)
      <li wire:key="{{ $book->id }}">
        <h3>{{ $book->title }}</h3>
        <h4>{{ $book->author }}</h4>
        <p>Rating: {{ $book->rating }}/10</p>
      </li>
    @endforeach
  </ul>
</div>
```

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Livewire Actions

Step 1: For an example, from BookList.php,

```
class BookList extends Component
{
    private $name = "Mario";
    public $count = 0;

    public function increment(){
        $this->count++;
    }

    public function decrement()
    {
        $this->count--;
    }

    public function render()
    {
        return view('livewire.book-list',
            [
                'books' => Book::all(),
                'name' => $this->name,
            ]
        );
    }
}
```

Now from **book-list.blade.php**, call the functions,

```
<div>
  <p>Count: {{ $count }}</p>
  <button wire:click="increment">Increment</button>
  <button wire:click="decrement">Decrement</button>
</div>
```

Example steps, deleting a book from database,

From **book-list.blade.php**,

```
<ul class="list">
  @foreach($books as $book)
    <li wire:key="{{ $book->id }}">
      <h3>{{ $book->title }}</h3>
      <h4>{{ $book->author }}</h4>
      <p>Rating: {{ $book->rating }}/10</p>
      <button wire:click="deleteBook('{{ $book->id }}')">Delete</button>
    </li>
  @endforeach
</ul>
```

Now from **BookList.php**,

```
public function deleteBook(Book $book)
{
    $book->delete();
}
```