Speaker: Xiaonan Guo (Cali Castle)

Participants:

Sam   
Clark

Wayne

Kevin

Tuan

Anton

Cherry

Andy

Cali’s friend

Amrutha

Vineeth

Jeff

David

???

Sanchen??

??

??

**Online**

Wang Yang

John Chan

Fischer

Stewartimel

Seanvesce

Galen

Hello

Jerry Shu

Samuel Cheung

Phpstorm (editor for PHP)

First every in game development industry

Game collection studio

Goes to this contract work with Mixer (by Microsoft)

Next level stream

**CMS**

Content Management System

* 80% of website is CMS

Medium – CMS

* Focus on front-end, don’t need to setup of back-end

Why build one?

* Is pretty basic and fundamental for programmers

Why PHP?

* PHP **was** bad, because of its performance
* Beginners write, because easy to write, hence bad code
* The only language, Cali knows.
* Performance now is very good

Sites Built (or partially) in PHP

* Facebook
* Wikipedia
* WordPress
* Slack
* Tesla
* Baidu
* QQ
* Sina
* Taobao
* Xiaomi

PHP used by 78.9% of all websites worldwide

Full Stack Developer

* Average salary 125,330 per year
* No. 2 ranked jobs indeed
* 1,200 + full stack web job listings
* 7,400 + web dev listings

“a full-stack developer has all the keys to the house – there is no door that you cannot open.” – Eric An

What is Laravel?

* Most popular PHP framework at the moment
* Using Laravel as a bridge to learn PHP
* Open-sourced
* 80% of PHP websites, other than WP, is using Laravel

What is a framework?

* Tool to learn stuff

OOP and MVC

Constructor when Class gets instantiated (born)

*Discussion of OOP with class Person and class Student extends Person*

$ declaring a variable in PHP

echo is print in PHP

MVC diagram

*Its not something we need to do, but we better do*

Mobile App development, MVC is already given

Demo time

Composer <https://laravel.com/docs/5.7>

**Via Composer Create-Project**

Alternatively, you may also install Laravel by issuing the Composer create-projectcommand in your terminal:

composer create-project --prefer-dist laravel/laravel blog

composer create-project --prefer-dist laravel/laravel neon-cms

cd neon-cms/

php artisan serve

*new server*

<http://localhost:8000/>

*port we are listening on, local machine*

**

app/resources/views/welcome.blade.php

app/resources/views/erros/404.blade.php

*change the error page*

app/resources/routes/web.php

*routes to welcome page*

change routes to home page

Route::get *syntax is from Laravel*

Route

*Laravel class method*

get



1st example is returning a string

2nd example is returning a view

common practice create a **layouts** folder in **views**

created base.blade.php

write

<!doctype html>

<html lang="{{ app()->getLocale() }}">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

</head>

<body>

<h1> Home page </h1>

@yield('content')

</body>

</html>

delete contents in [home.blade.php](http://home.blade.php)

write

@extends('layouts.base')

@section('content')

<h2>This is content</h2>

@endsection

base.blade.php – is the parent, reuse the code

<https://laravel.com/docs/5.7/routing>

<https://laravel.com/docs/5.7/csrf>



create a controller

php artisan make:controller NiceController

controller here:

app/Http/Controllers/NiceController.php

Create a model

php artisan make:model Post

app/Http/Post.php

Why Vue.js

*Front-end JS framework*

<https://vuejs.org/v2/guide/>

<https://vuejs.org/v2/guide/list>

good for debugging, Vue extension in Chrome­­

Chrome -> console, Vue

Can change variables in Vue console in Chrome