



# Practical Web Development with **Spring boot** Orientation

Presented by ARMS ( THAILAND ) Co., Ltd.

# Index

## 1. Introduction

- Instructor's Introduction and Company profile.
- Short Introduction for supporters.
- Student's Introduction

## 2. Class Objectives

- Class Concepts
- Class Timeline
- Introduce Our Friends

## 3. Application Introduction

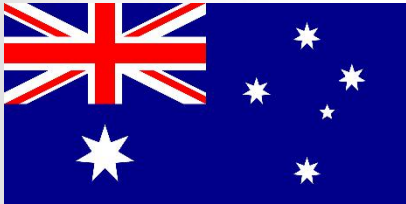
- Development environment with virtual machine
- TODO Application - Indivilister
- Twitter Application - Emitter

## Instructor's Introduction(Mickey)

Item	Detail
Name	Mikio Kakuyama (NickName: Mickey san)
Company	ARMS Thailand Co., Ltd.
Hobby	Playing Games/Japanese Anime(One Piece, Attack on Titan)/fashion
Characteristic	<ul style="list-style-type: none"><li>• Friendly</li><li>• Diligent</li><li>• Reliable</li><li>• positive</li><li>• realistic</li><li>• polite</li></ul>
Place to live	<ul style="list-style-type: none"><li>• Japan</li><li>• Thailand</li><li>• Australia</li></ul>

## Instructor's Biography (Mickey)

Worked for two years in Australia and associated with people from various countries.



Started a career as an IT engineer and worked in a software development team.

Worked at a hospital to maintain and run the Hospital Information System (HIS).



## On my way to Thailand (Mickey)



## Supporter's Introduction

Item	Detail
Name	Kwanchanok Im-Amornchai (HN : Jajar)
Company	ARMS Thailand Co., Ltd.
Hobby	Play game, Listen to Music, Watch a movie
Characteristic	<ul style="list-style-type: none"><li>• Kind</li><li>• Sincere</li><li>• Honest</li><li>• Shy</li><li>• Patient</li><li>• Polite</li><li>• Sensitive</li><li>• Quiet</li></ul>

Item	Detail
Name	Pongpak Aumpaipannasan (HN : Boss)
Company	ARMS Thailand Co., Ltd.
Hobby	Play game, Read technology news
Characteristic	<ul style="list-style-type: none"><li>• Friendly</li><li>• Funny</li><li>• Honest</li><li>• Kind</li><li>• Polite</li><li>• Sincere</li></ul>

## Company Profile

Item	Detail
Company Name	ARMS Thailand Co., Ltd.
Foundation	2014/03/12
Executives	CEO Sho Matsushita
# of Employees	30
Address	The Trendy Office Building, 25th Floor, Sukhumvit Road Soi 13 Bangkok, 10110 Thailand (5 minutes walk from BTS Nana)
Fields of work	Offshore-Dev: Web Application Development Offshore-Dev: Mobile Application Development
Certificate	BOI-certified



## Student's Introduction in English (Optional JP)

Each student

Introduction	
Name	Feeling toward Japan
Grade	The reason for attendance
Hobby	Dream (If nothing, <b>penalty</b> )
What do you want to learn from this class	
Passionate Message to me	
Question	
Question to Instructor	

10 minutes to prepare your introduction



## Examples of how you introduce yourself

**NAME** : I am “your name”      My name is “your name”

**Feeling toward Japan** : My feeling toward Japan is “your thought, your feeling, your impression, and etc. I feel Japan is .....

**Grade** : I am the third year student. I am the fourth year student. I am in the fourth year of this University.

**The reason for attendance** : The reason I attend this class is “your reason”      The reasons I wanted to attend the class are “reasons” (If you have many)

**Hobby** : My hobby is “your hobby”      Things I like to do is “your hobbies”

**Dream** : My dream is to become “job name”

**What you want to learn from this class** : I want to learn “something” from this class. I would like to learn “something” from this class.

**Passionate Message to me** : **say something in your own words**

# Class Objectives

## Learn

Modern Web  
Development

Develop  
Software

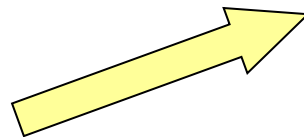
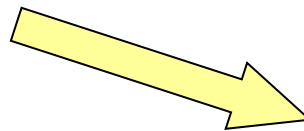
Cooperation with  
Others

## Try & Build

Human Skills

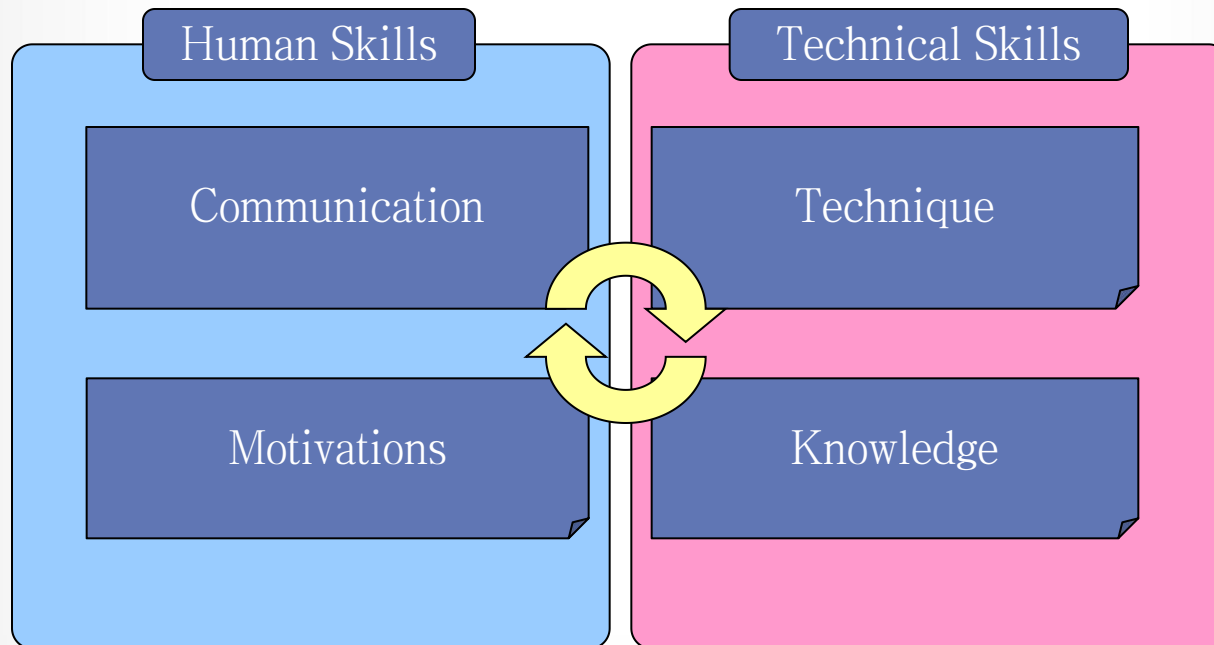
Work with  
Japanese

Cross-Cultural  
Communications

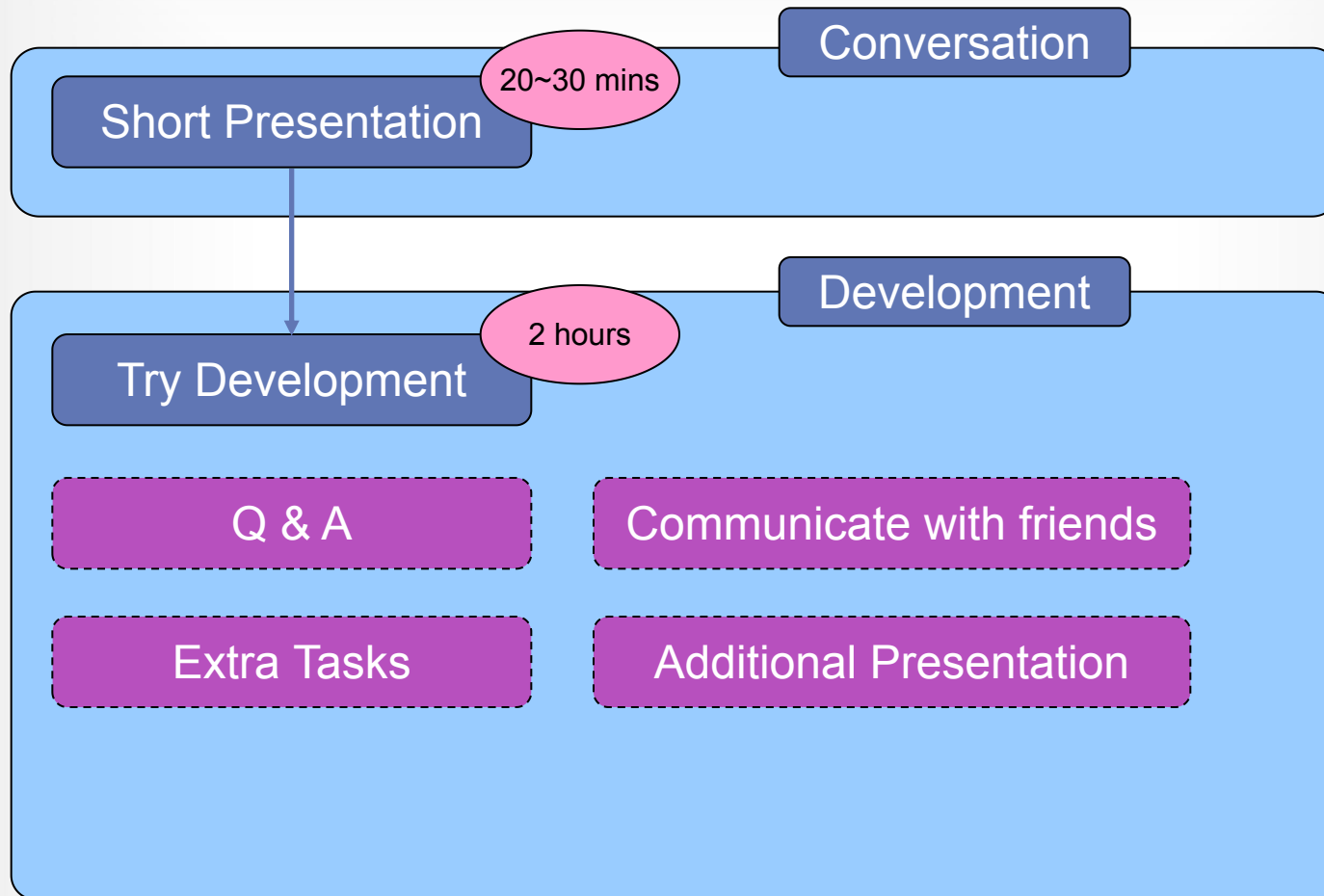


Your dream

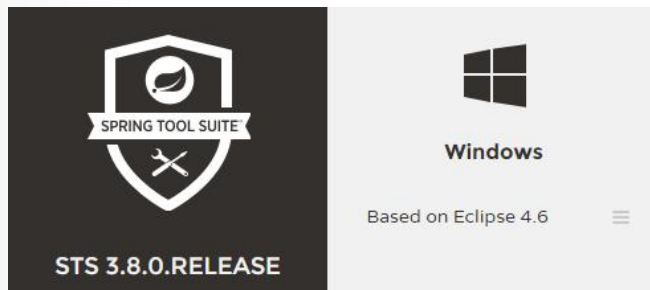
# Class Concepts



# Class Timeline



## Introduce Our Friends



# Bootstrap

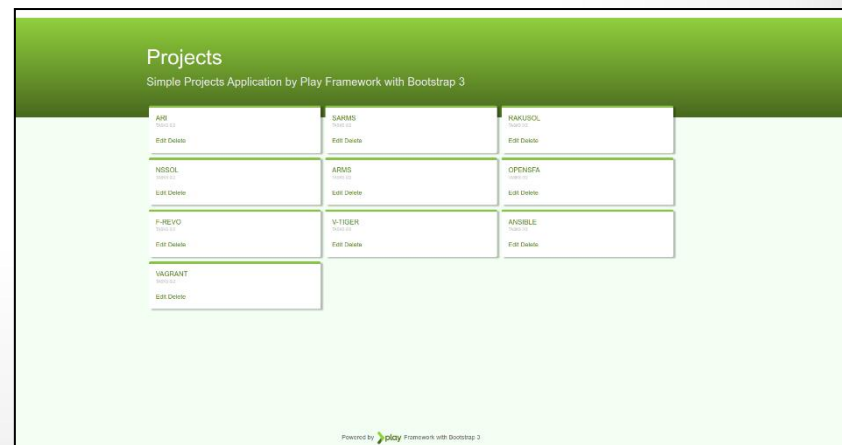
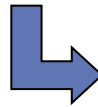
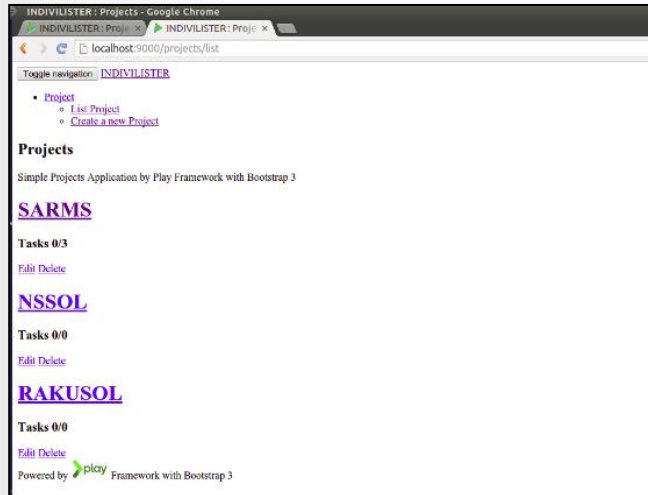


Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

Download Bootstrap

Currently v3.3.5

# Bootstrap's Dramatic Effects



# Bootstrap's Benefits

Quick building beautiful and sophisticated layout for Programmers

Can focus on coding

Can use Responsive Features without knowledge

It's the best solution for Lazy Guys





## Case Study of Bootstrap

The collage features several web development resources:

- Laravel PHP framework** <http://laravel.jp/> - Official Website. The page is in Japanese and includes a "クイックスタート" (Quick Start) button and a link to "LARAVEL MEETUP TOKYO VOL.6".
- A code editor snippet showing PHP code for displaying a post and its comments.
- GitHub** <https://github.com/> - Community Site. The page shows the "GitHub Bootcamp" guide with four steps: 1. Set up Git, 2. Create repository, 3. Clone repository, and 4. Push to repository.
- Tsaa Tea Shop** <http://www.tsateashop.com/> - Even Private Site. The page shows the shop's logo and contact information: 412 Danforth Ave. Toronto, Ontario M4K 1P3 - 647 347 8729.

# Spring Boot

Spring framework takes quite a lengthy tutorial to set it up and running



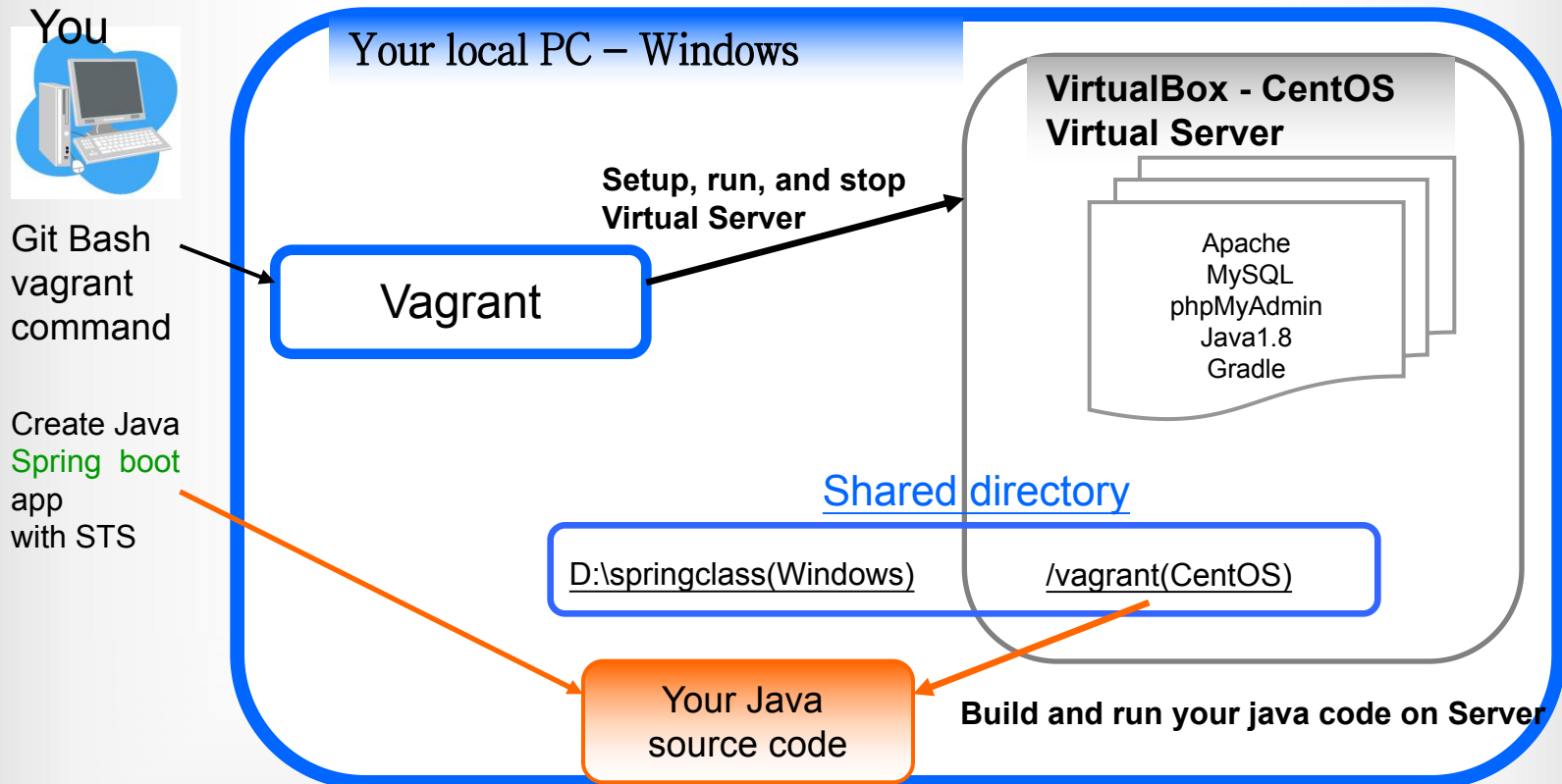
But ... Spring boot has pre-configured settings to reduce configuration time and provide you with the shortest way to have its app up and running. With the smallest line of code and configuration, you can create applications.

☆ whether you use Spring boot, Spring roo and Spring MVC...Spring boot is Spring, Spring roo is Spring, they have just different approaches to simplifying Spring development.

## Development Environment with virtual machine

Create Java Spring boot app in local,

build and run the app on virtual server.



# Development Environment with virtual machine

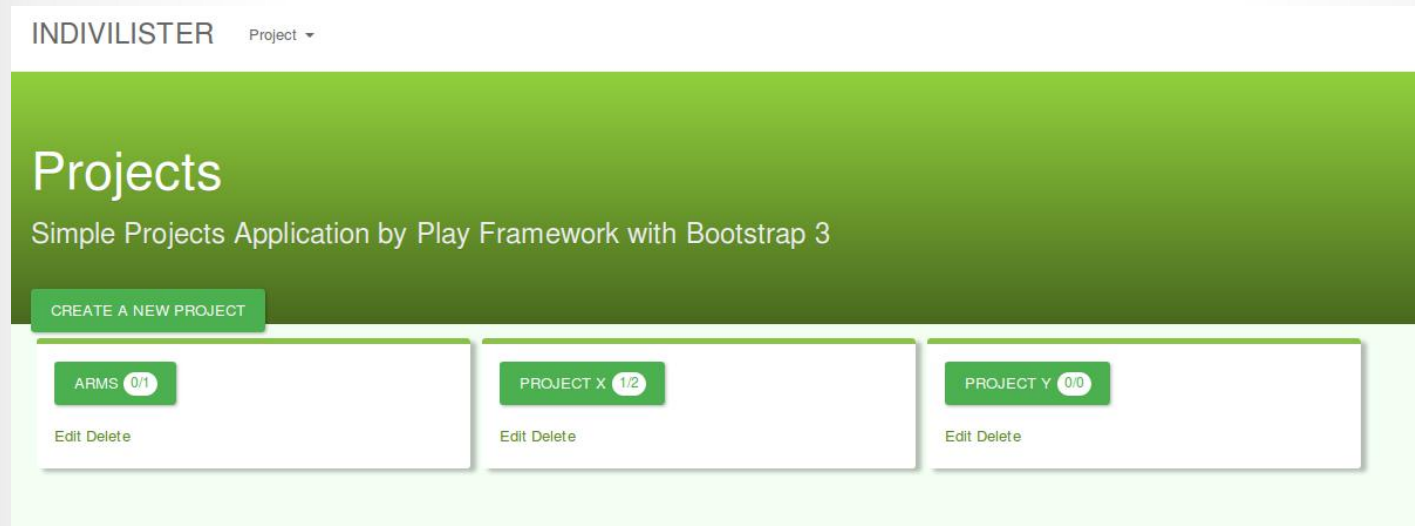
The screenshot displays a virtual machine development environment. On the left, the Oracle VM VirtualBox Manager window shows a list of virtual machines, including 'spring\_default\_1467796293363\_78368' and 'springclass\_default\_1467950484954\_97638'. The main window shows the configuration for the selected VM, including system, display, storage, audio, network, and USB settings.

In the center, the phpMyAdmin web interface is visible, showing the 'Database: todo' structure. The 'Tables' tab is selected, displaying a list of tables: 'project', 'task', and 'todo'. The 'task' table is highlighted, showing its structure with columns 'id', 'name', and 'description'.

On the right, a terminal window titled 'MINGW64/d/springclass' shows the output of a command, likely a cron job or a scheduled task, displaying a list of tasks and their execution times.

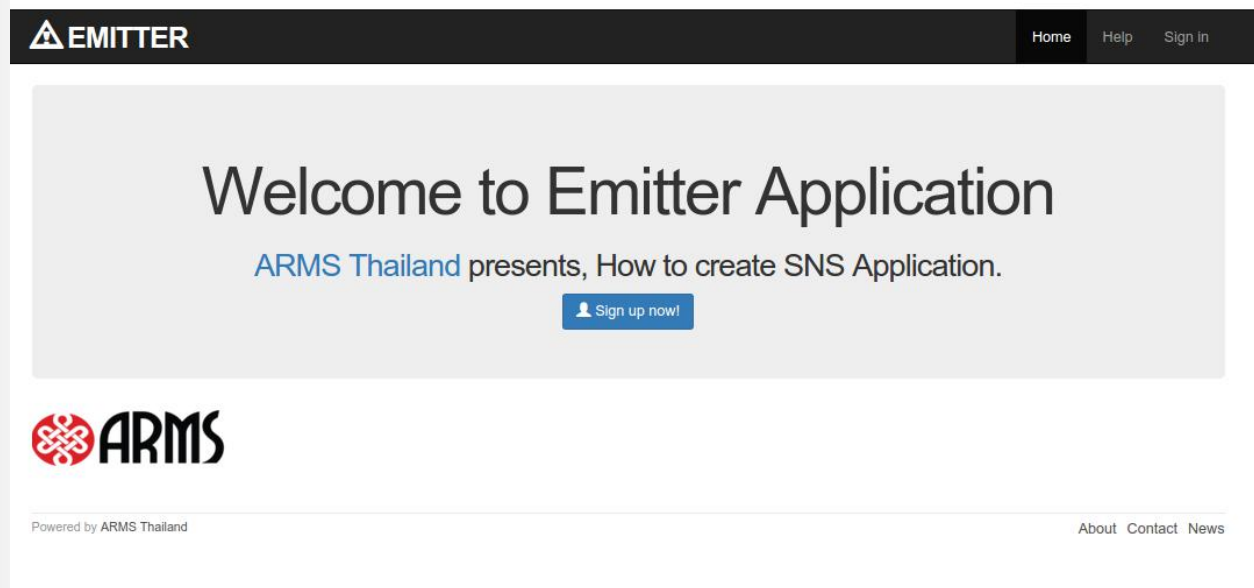
# Our Application Introduction Part1

## Todo Application - Indivilister



# Our Application Introduction Part2

## SNS Application - Emitter





**Your Idea Leads Your Ideals**

homepage: <http://arms-asia.com/>

facebook: <https://www.facebook.com/arms.asia?fref=ts>