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Red: still do not understand

Purple: Important

Blue: Assignment

# Meeting 1: 2017/3/18

◆项目funtown

◆项目环境安装参照Gitlab上的funtown-wiki

◆后台主要使用Spring Tool Suite™

◆API: Application programming interface: a set of subroutine definitions, protocols, and tools for building application software. In general terms, it is a set of clearly defined methods of communication between various software components. A good API makes it easier to develop a computer program by providing all the building blocks, which are then put together by the programmer. An API may be for a web-based system, operating system, database system, computer hardware or software library. An API specification can take many forms, but often includes specifications for routines, data structures, object classes, variables or remote calls. POSIX, Microsoft Windows API, the C++ Standard Template Library and Java APIs are examples of different forms of APIs. Documentation for the API is usually provided to facilitate usage.

◆About our project: Funtown

Main objective: to become a large on-line shop in NZ

Like mightyape (https://www.mightyape.co.nz/)

◆The design of our website:

+对产品的comments

+论坛功能链接到产品网页

+加入一个挂买家想要商品的功能

Important: advanced tutorial website: MDN

# Meeting 2: 2017/3/25

◆我们的项目是基于restful技术，参考文献：

Gitlab里的Rest API documentation

◆gulp前端管理

◆服务器：我们项目现在在用red hat，未来用aws

◆基本功补习：

JavaScript asynchronous:

In *asynchronous* programs, you can have two lines of code (L1 followed by L2), where L1 schedules some task to be run in the future, but L2 runs before that task completes.

JavaScript can have asynchronous code, but it is generally single-threaded.  
URL: *https://www.pluralsight.com/guides/front-end-javascript/introduction-to-asynchronous-javascript*

Asynchronous code needs to be structured in a different way than synchronous code, and the most basic way to do that is with callback functions.

JavaScript callback:

JavaScript promise:

Promises are a popular way of getting rid of callback hell.

URL: *https://developer.mozilla.org/en/docs/Web/JavaScript/Reference/Global\_Objects/Promise*

http里的：

get/put/delete

URL: *https://www.w3schools.com/tags/ref\_httpmethods.asp*

* GET - Requests data from a specified resource
* POST - Submits data to be processed to a specified resource
* PUT – uploads a representation of the specified URI
* DELETE – deletes a specified resource

Homework

◆环境安装：装一个MySQL、sql pro

◆What is API, RESTful?

◆Some online courses from famous universities: https://www.edx.org/course/

# Meeting 3: 2017/4/2

About the installation of Ubuntu:

安装Ubuntu详细步骤

important: how to install Linux alongside with windows 10

http://www.everydaylinuxuser.com/2014/05/install-ubuntu-1404-alongside-windows.html

重要：安装完毕后，需要对boot-repair进行修复

important: how to fix the boot-repair on Ubuntu

https://www.howtogeek.com/114884/how-to-repair-grub2-when-ubuntu-wont-boot/

其他备注：

我自己安装的经验：

烧制Ubuntu系统盘，就使用推荐的Universal USB Installer

安装完毕后，用安装u盘进入Ubuntu进行一次联网的boot-repair修复，可保证下次重启能进入Ubuntu。重启后，拔掉u盘，进入安装好的Ubuntu内再次进行一次boot-repair修复，可实现双系统的完美运行。

# Meeting 4: April 8th

About the Git technology:

Always use “commit” command to transfer your coding from index to repository.

In our “web” folder:

◆Folder “ignore” and “image” is too large, DO not commit

◆Gulp is a front-end managing tool, used to compress our css, scss and js files, it can also be used to introduce some apps.

◆Node: package.json. we use it to install node and some module

◆TOMCAT: the webserver we are using now. In the future, we will use AWS, Amazon Web Services

Download a free edition of AWS and learn it

◆Semantics: not only easy to read & understand, also will earn a higher score when searched by engines like google

◆Core! Angular ui-view & Angular ui-router

◆The file angular.js is the entrance of all of our js

◆The file main model includes all the packages including selling and services

◆About the AngularStrap project:

AngularStrap is a set of native directives that enables seamless integration of Bootstrap#^3.0 into your AngularJS#^1.2 application.

With no external dependency except the Bootstrap CSS styles, AngularStrap is light and fast. It has been built from the ground up to leverage ng-Animate! (AngularStrap)

# Meeting 5: April 15th

Important reference:

http://www.ruanyifeng.com/blog/2014/06/git\_remote.html

Written by Frank

工作心得：

1. 永远不要轻易删除其他程序员的代码，而要加入自己针对该情况的代码

2. 可以通过查bootstrap源文件的方式了解一些class的style具体用法

## Assignment: April 19, 2017

The installasion and use of gulp watch:

1. Install Node.js and NPM

url: https://tecadmin.net/install-latest-nodejs-npm-on-ubuntu/

2. install gulp

npm install gulp -g

3. **in the folder of your project**, install local gulp

Npm install

4. run “gulp watch” to keep track of your scss file modification

# Meeting 6: April 22nd

Note: The next week will do some really hard work

◆Core! Angular ui-router

The most common back-end languages: c#, php and Java

## Assignment: April 22nd

* Read the code of our project, very good ones
* Learn basic JavaScript and angular 1.5
* Style sheet materials: http://ubold.coderthemes.com/chart-chartjs.html
* Practice coding and job searching: https://www.hackerrank.com/

# Meeting 7: May 7th

Discussion content: Jeremy and Carol told me about how to read the functionality of Angular

## Assignment: May 10th

Read the whole book: Linux Essentials, 2nd Edition (Christine Bresnahan, Richard Blum)

Chapter 1 Selecting an Operating System 1

Chapter 2 Understanding Software Licensing 21

Chapter 3 Investigating Linux’s Principles and Philosophy 35

Chapter 4 Using Common Linux Programs 47

Chapter 5 Managing Hardware 75

Chapter 6 Getting to Know the Command Line 99

Chapter 7 Managing Files 127

Chapter 8 Searching, Extracting, and Archiving Data 151

Chapter 9 Exploring Processes and Process Data 175

Chapter 10 Editing Files 193

Chapter 11 Creating Scripts 211

Chapter 12 Understanding Basic Security 227

Chapter 13 Creating Users and Groups 245

Chapter 14 Setting Ownership and Permissions 267

Chapter 15 Managing Network Connections 285

# Meeting 8: May 13th

Company Details:

Company name: Avartar International Lt

Company phone: 09-962-7045

Company Mailbox: avartarint@gmail.com

Boss: James (中文名: Min Jie SHA)

Supervisor: Aaron

Project Name (website being built): Funtown.com

1. 怎么用git对应

Can not achieve this goal, no such function.

Reason: the gitlab only supplies a platform for project management. While we use git to commit and push our codes into database. Suggestion: always clarify what we have done before we push.

2. database，API

API is the interface which connects the back-end data and front-end page. In our website, the API returns the values from our database.