

# An E-commerce Website Migration Software Tool for Small Businesses

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# 01 PROJECT INTRODUCTION

Develop a migration software tool for the small business on a famous e-commerce platform:

Evaluate technical and legal requirements on setting up an e-commerce website;

Extract data from the e-commerce platform;

Generate a new well-designed and full-functional website;

Contain query feature into the migration software tool;

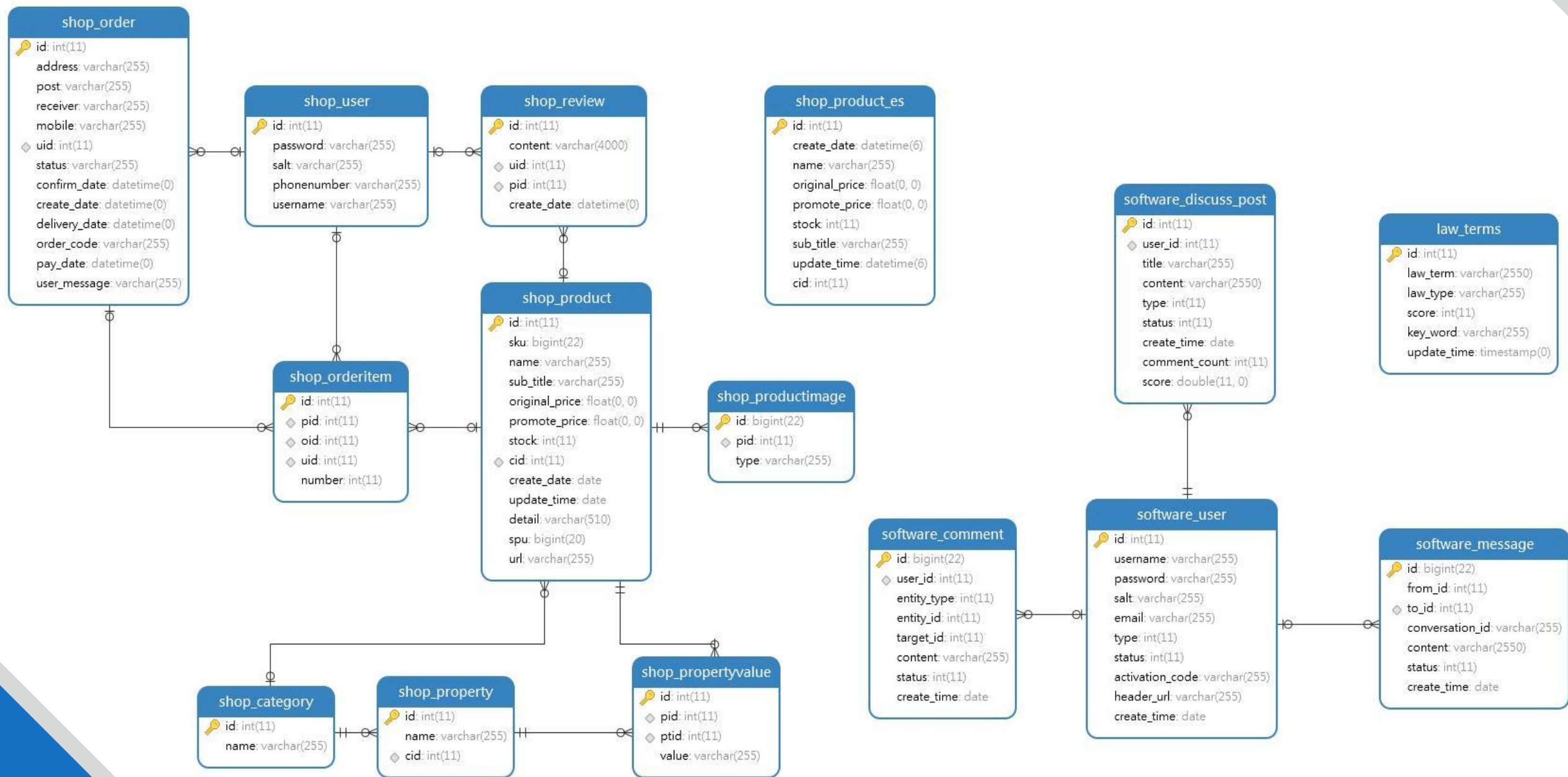
Contain alert mechanism for the merchants to the legal risk and possible solutions.

## 02 OVERALL ARRANGEMENT

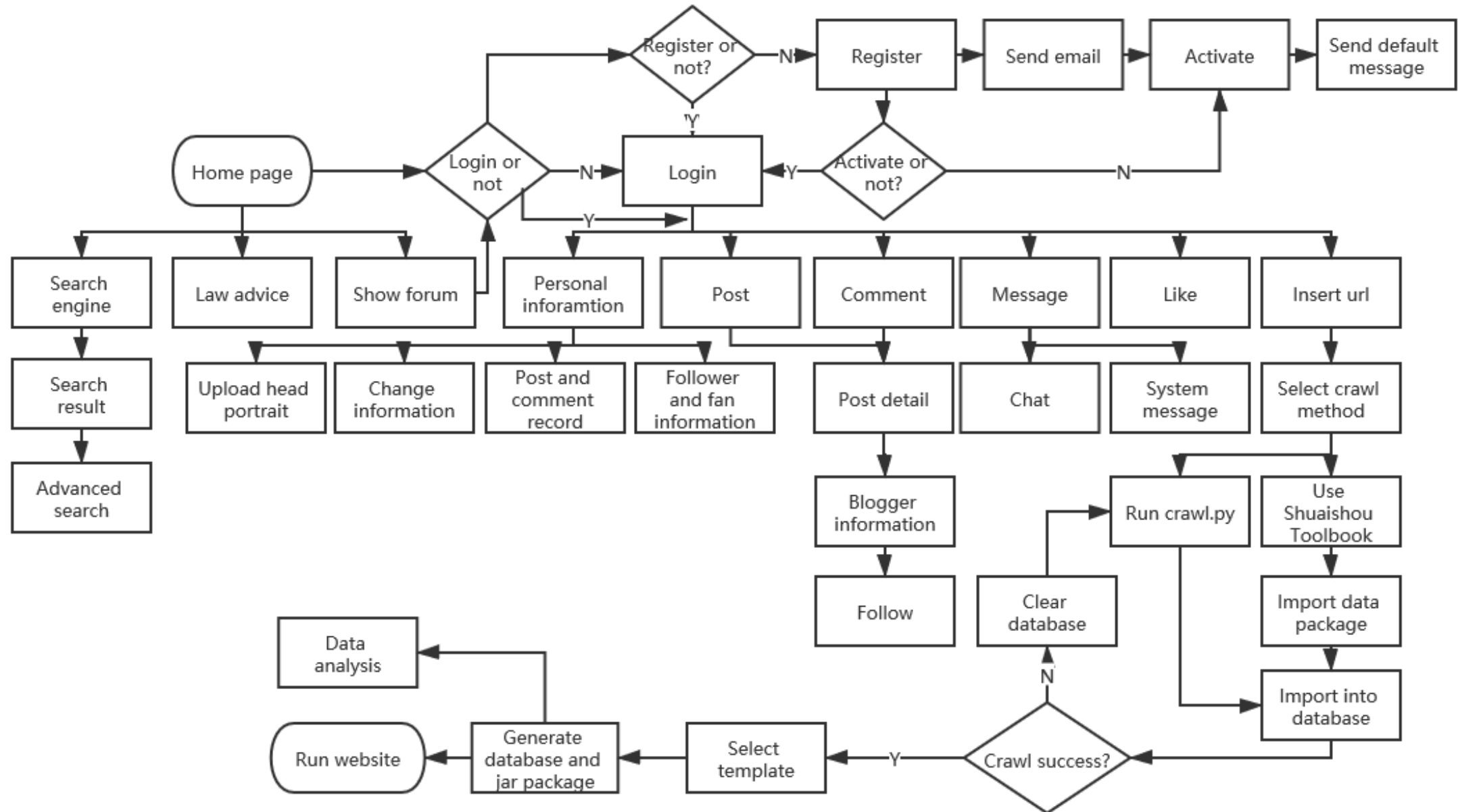
### THREE MODULES

- ◆ Web Application Module
- ◆ Crawl Toolkit Module
- ◆ E-commerce Website Module

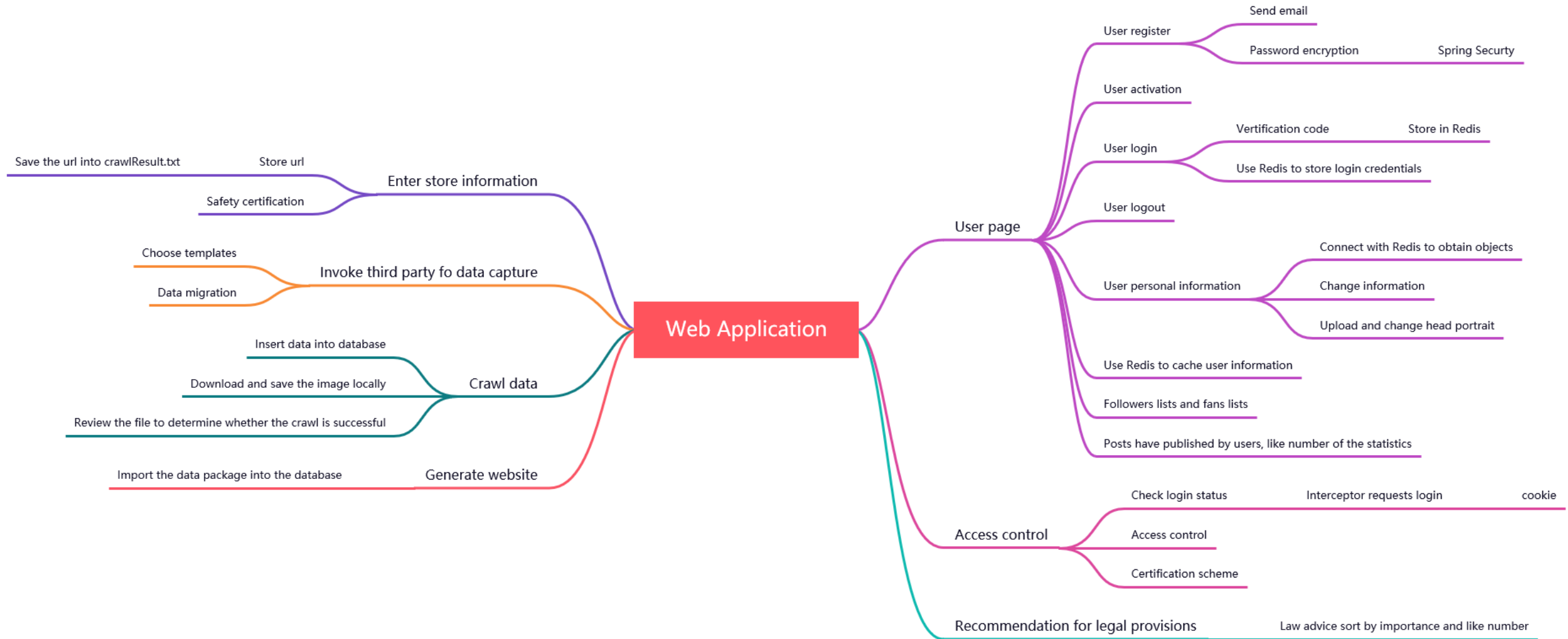
# 03 DATABASE DESIGN



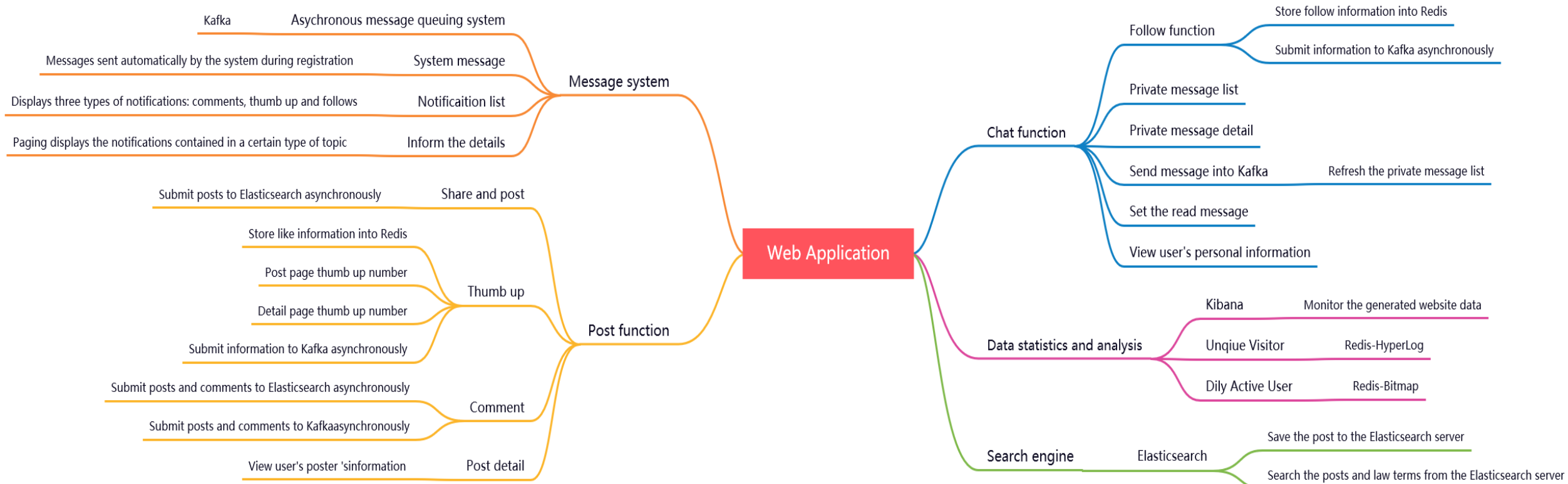
# 04 WEB APPLIACTION FLOW CHART



# 04 WEB APPLIACTION FUNCTION SUMMMERY



# 04 WEB APPLICATION FUNCTION SUMMMERY





# 05 CRAWL TOOLKIT IMPLEMENT

JD 所有商品-TMT户外官方旗舰店 X

https://mall.jd.com/view\_search-911752-0-99-1-24-1.html

你好,请登录 免费注册 我的订单 我的京东 京东会员 企业采购 客户服务 网站导航 手机京东

京东 更多导航

nike 阿迪达斯 皮肤衣 跑步机 自行车 瑜伽服

TMT户外官方旗舰店 联系客服 关注店铺 品牌会员

SHANTU 山途 TMT山途专卖店 让运动更具价值

健身手套 防滑 耐磨损 运动头带 吸汗 止汗 防滑

首页 全部分类 护膝 护腰 健身手套 护腕 瑜伽用品

CLASSIFICATION 商品分类

健身器械

门上单杠 跳绳 负重沙袋 俯卧支撑架 健腹轮 腕力球 握力器

上架时间 好评度 价格 销量

共53件商品 1/3

京东配送 质保365天 15天不爽包退

TMT 硬拉助力带健身手套男引体向上

¥ 59.00

已有500+人评价

TMT 蹦蹦床儿童家用室内蹦床成人

¥ 248.00

已有5000+人评价

TMT 弹力健身棒飞力士震铃棒多功能

¥ 69.00

已有90人评价

美式加压版 加压带60CM / 双层加密 / 美版工艺

TMT 健身护腕男力量加压举重训练

¥ 49.00

已有500+人评价

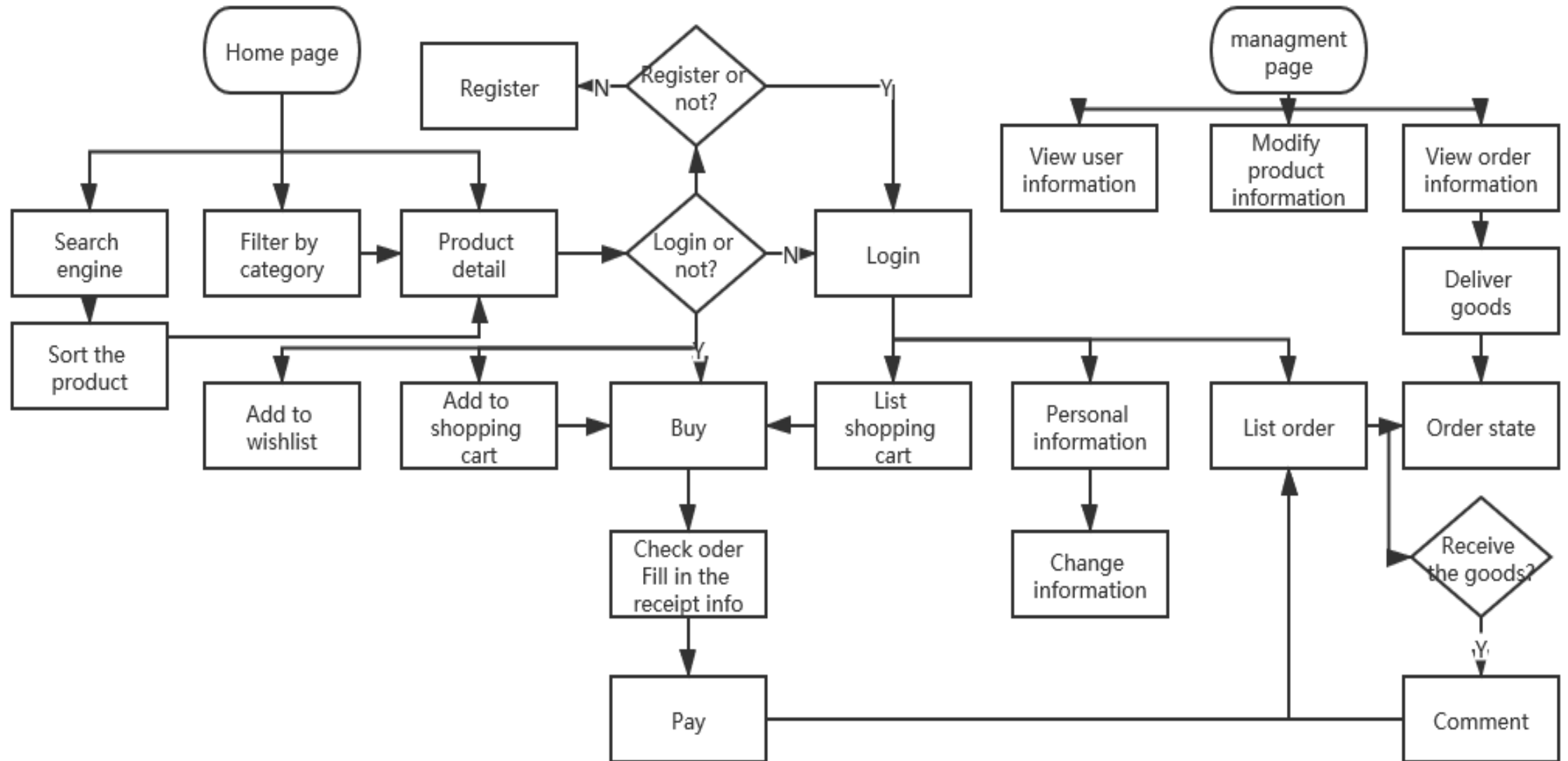
手机扫一扫,劲爆优惠触手可得!

在这里输入你要搜索的内容

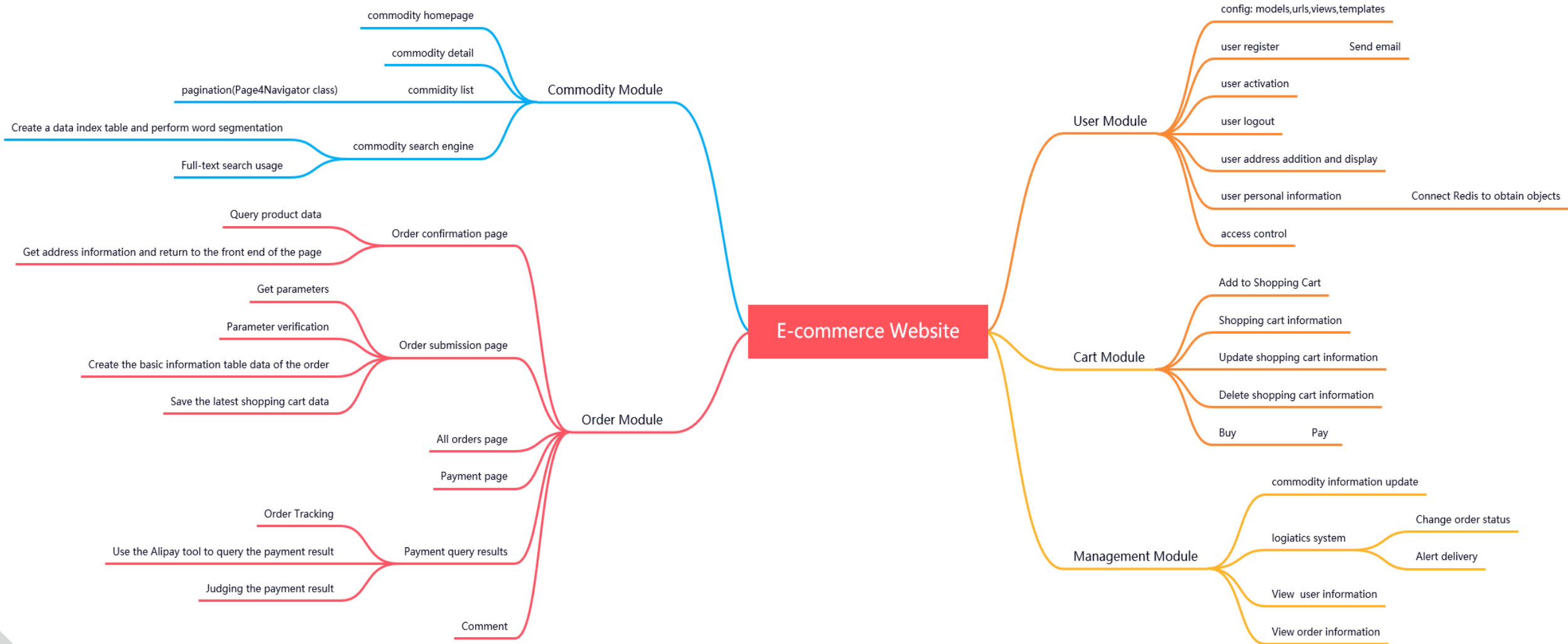
15:43 2021/5/5



# 06 NEW GENERATED WEBSITE FLOW CHART



# 06 NEW GENERATED WEBSITE FUNCTION SUMMMERY



# 07 RESULTS AND DISCUSSION

## Strength

Simplicity of operation

Complete and multiple functions

Powerful legal notification mechanism

Data analysis and website monitoring functions

Comprehensive and exhaustive law terms search engine

## Future improvement

Add VIP system.

Add the function of automatically generating domain name.

Upload the designed website directly to other search engines.

Increase the choice of page template types and build a template database.

The crawler toolkit needs to be extended to multiple e-commerce platforms.

THANK  
YOU

