# Deployment Document

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| Date | Name | Action | Version |
| 27/10/2016 | Difan Chen | Create | 1.0 |
| 29/10/2016 | Difan Chen | Amend | 1.1 |

# Environment

## Server system:

centos 6

## Database:

mysql 5.1.73

## Project build tool:

maven 3.0

## Web server:

Tomcat 7

## Android IDE:

Android Studio

## Android app build tool:

Gradle

## Programming Language:

Java 1.8

# Platform introduction

## Doctor platform: web

## Pharmacy platform: web

## Patient platform: android

## Administrator platform: web

# Preparation for deployment

To run the whole system, you need to download mysql, maven, tomcat and java, working on a linux-based system.

# Configuration

## Import database script

mysql -u username -p database\_name < file.sql

Note: It is better to use the full path of the SQL file file.sql.

## Config tomcat

Add administrator and the related password by editing tomcat/conf/tomcat-users.xml

# Running web project

## pack war by maven（mvn command is in maven/bin/mvn）

## cd code/web

## mvn clean package

## the war file is under code/web/target

## run tomcat

## cd tomcat/bin

## run ./startup.sh

## access localhost:8080/manager/

## user tomcat admin account we just created to log in.

## d. deploy war file.

## e. access localhost:8080/OnlinePrescription/

# Running android project

## You can use android studio to run gradle script for the android app building. But an app package has already been built and place in the web app. You can directly download it on landing page of the web app by running the web.