

To be a software builder



Mentor

Core Java Web Application with Spring

Make your work better!

DESIGN DOCUMENT
v0.0.2

File list				System ID		System Name	
				MWS		MyWorkspace	
Sub System ID	MCRM	Sub System Name	MyCRM	Create Date	01/03/12	Creator	Thach.N.Le
Screen ID		Screen Name		Update Date	04/12/2026	Updater	Thach.N.Le

Controller

1)

Request: /admin/personal/create
/admin/personal/edit/<person id>

Purpose:

Display screen to create newly or edit information of a person.

2)

Request: /admin/personal/search

Purpose:

Display screen to search persons

Default data:

Add data from database

Common

- 1) Read data: use JPA or JdbcTemplate
- 2) Change data (Insert, Update, Delete): use JdbcTemplate (not JPA)

Screen layouts				System ID	System Name
				MWS	MyWorkspace
Sub System ID	MCRM	Sub System Name	MyCRM	Create Date	01/03/12
Screen ID		Screen Name		Update Date	
				Creator	Thach.N.Le
				Updater	

1) Create newly or Edit a person

First name

Middle and Last name

Sex Male Female Other

Birthday

2) Search persones

First name

Middle and Last name

Sex Male Female Other

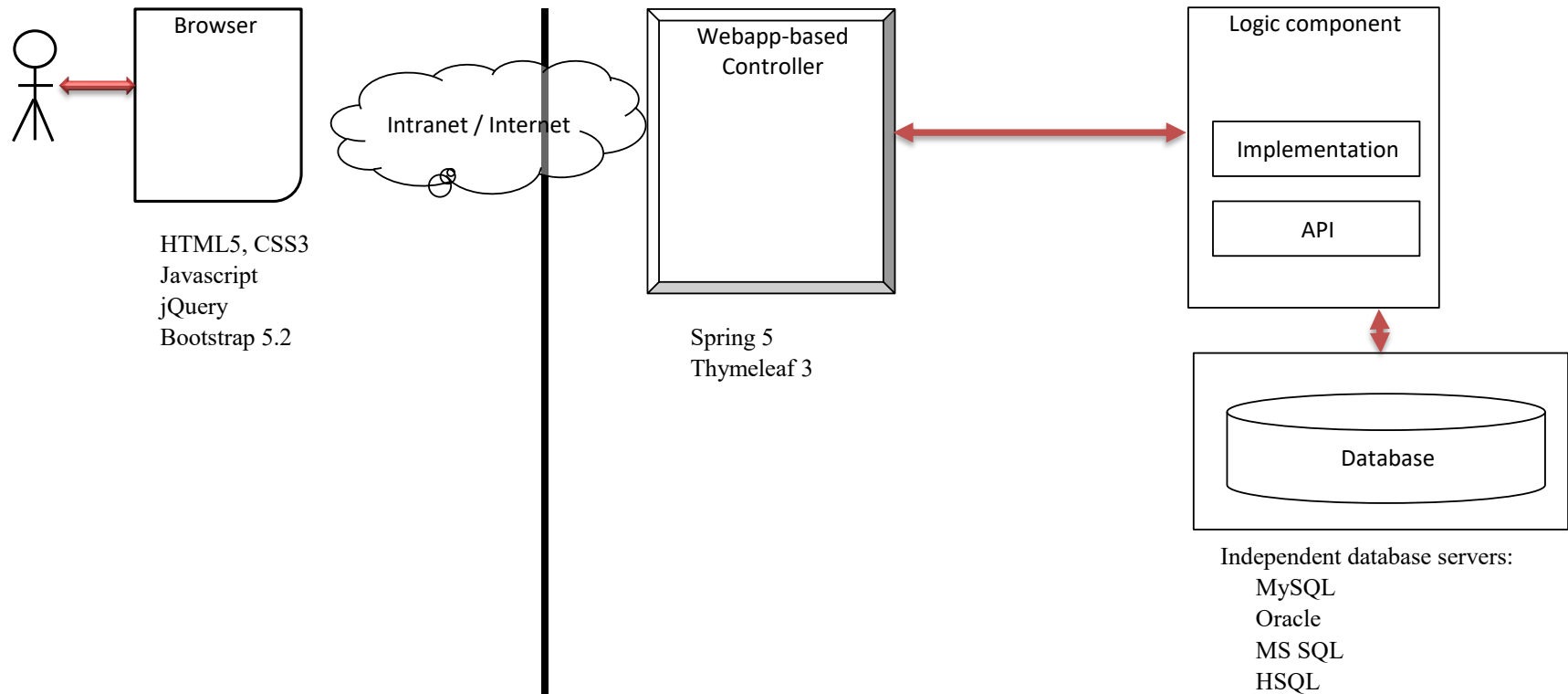
Birthday From to

First name	Middle and Last name	Sex	Birthday	Actions
Hoàng	Lê Ngọc	Nam	31/12/2000	Edit Delete

Screen layouts				System ID		System Name	
				MWS		MyWorkspace	
Sub System ID	MCRM	Sub System Name	MyCRM	Create Date	01/03/12	Creator	Thach.N.Le
Screen ID		Screen Name		Update Date		Updater	

Architecture				System ID	System Name
Sub System ID	MCRM	Sub System Name	MyCRM	SysInfo	System Info
Screen ID		Screen Name		Create Date	Creator Thach.N.Le
				Update Date	Updater

Overall architecture



Client side

Server side

Architecture				System ID		System Name	
				SysInfo		System Info	
Sub System ID	MCRM	Sub System Name	MyCRM	Create Date		Creator	Thach.N.Le
Screen ID		Screen Name		Update Date		Updater	

Common libraries

1. Spring MVC

Version: 5.3.39

Home page:

Download:

2. Bootstrap

Version: 5.2.0

Home page: <http://getbootstrap.com/>

Download:

<https://github.com/twbs/bootstrap/releases/tag/v5.2.0>

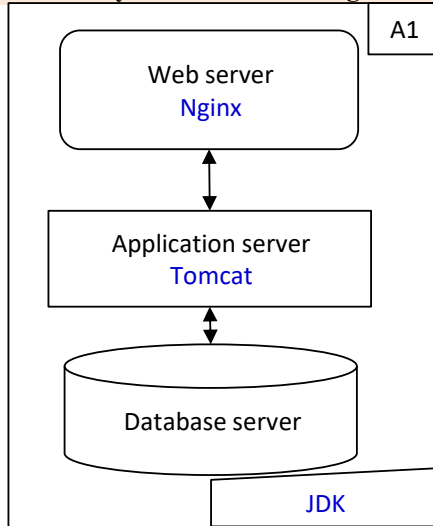
3. Thymeleaf

Version: 3.0.15

Home page:

<https://github.com/thymeleaf/thymeleaf/releases/tag/thymeleaf-3.0.15.RELEASE>

Deployment models				System ID		System Name	
				MWS		MyWorkspace	
Sub System ID	MCRM	Sub System Name	MyCRM	Create Date	02/02/16	Creator	Thach N. Le
Screen ID		Screen Name		Update Date		Updater	
Model 1: Physical or Virtual Single Server (A1)							



Server Configuration:

CPU: Core i5 x 4
 HDD: 500 GBs
 RAM: 4 GBs
 OS: Windows/Linux/MacOS

Softwares

JDK 17
 Database server:
 MariaDB 12 or later
 /
 MySQL 8 or later
 Application server
 Tomcat 9

 Web server
 Nginx 1.28 or later

