ITC357 Assignment 1

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Build and Deploy

I tested using Tomcat 7 on Ubuntu:

```
$ /usr/share/tomcat7/bin/version.sh
Using CATALINA_BASE:   /usr/share/tomcat7
Using CATALINA_HOME:   /usr/share/tomcat7
Using CATALINA_TMPDIR: /usr/share/tomcat7/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /usr/share/tomcat7/bin/bootstrap.jar:/usr/share/tomcat7/bin/tomcat-ju
Server version: Apache Tomcat/7.0.52 (Ubuntu)
Server built:   Feb 27 2014 12:18:34
Server number:  7.0.52.0
OS Name:        Linux
OS Version:     3.13.0-32-generic
Architecture:   amd64
JVM Version:    1.7.0_55-b14
JVM Vendor:     Oracle Corporation
```

I built and deployed using Tomcat Manager and this script:

```
#!/bin/bash
rm hotel.war
rm -r WEB-INF/classes/*

base="http://tomcat:tomcat@localhost:8080/manager/text"
uri=$base"/undeploy?path=/hotel"
wget -q $uri -O -

javac -sourcepath src/ -d WEB-INF/classes \
  -classpath /usr/share/tomcat7/lib/servlet-api.jar src/*/*.java
jar -cf hotel.war *.jsp WEB-INF/ css/ js/

uri=$base"/deploy?war=file:/home/ben/uni/ITC357-Ass1/hotel.war&path=/hotel"
wget -q $uri -O -
```

You could also build hotel.war and deploy to Tomcat via the admin gui.

localhost:8080/manager/html/undeploy?path=/hotel&org.apache.catalina.filters.CSRF_N

| List Applications | HTML Manager Help | Manager Help | Server Status |

Applications

Path	Version	Display Name	Running	Sessions	Commands
l	None specified		true	0	Start Stop Reload Undeploy / Expire sessions with idle ≥ 30 minutes
/host-manager	None specified	Tomcat Host Manager Application	true	0	Start Stop Reload Undeploy / Expire sessions with idle ≥ 30 minutes
/manager	None specified	Tomcat Manager Application	true	1	Start Stop Reload Undeploy / Expire sessions with idle ≥ 30 minutes

Deploy

Deploy directory or WAR file located on server

Context Path (required): /hotel

XML Configuration file URL: /ITC357-Ass1/WEB-INF/web.xml
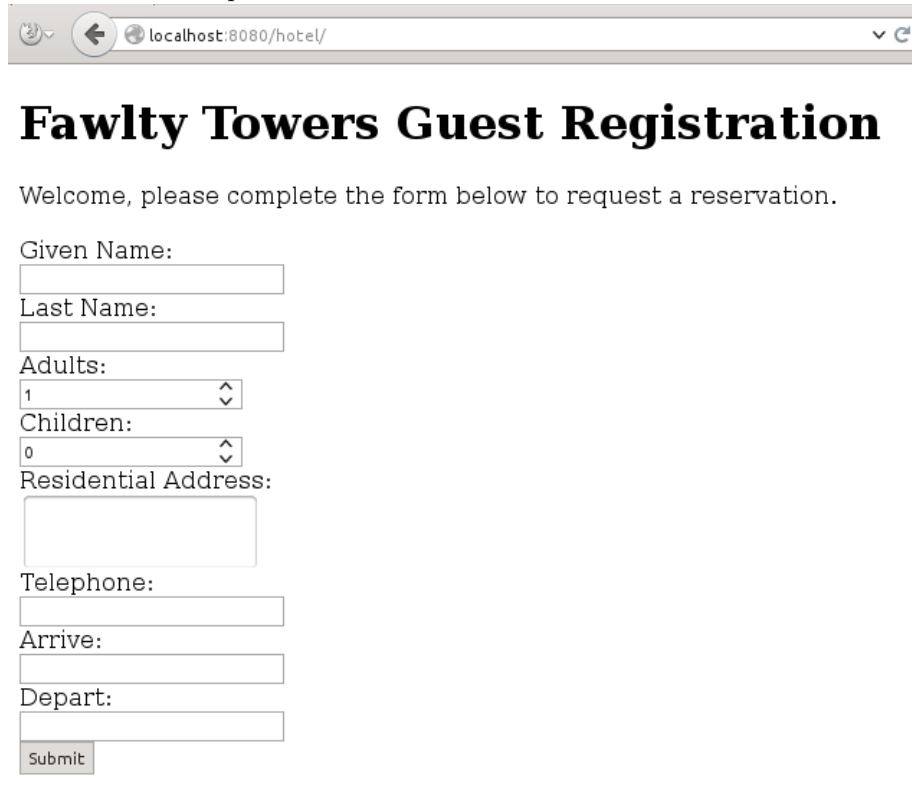
WAR or Directory URL: /home/ben/uni/ITC357-Ass1/hotel.war

Deploy

WAR file to deploy

Run

Browse to context path:

Fill in details:

Fawlty Towers Guest Registration

Welcome, please complete the form below to request a reservation.

Given Name:

Ben

◀	July 2014					▶
Mo	**Tu**	**We**	**Th**	**Fr**	**Sa**	**Su**
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
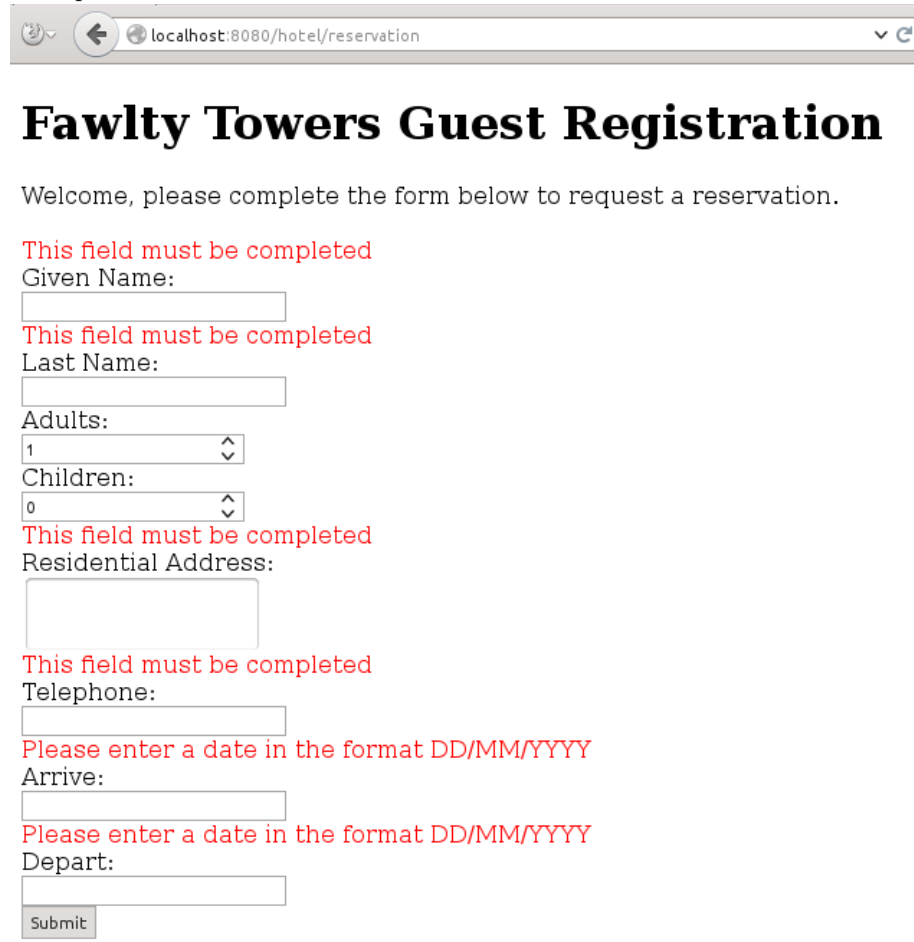
Depart:

Submit

Click Submit

Validation

All inputs blank:

Fawlty Towers Guest Registration

Welcome, please complete the form below to request a reservation.

This field must be completed
Given Name:

This field must be completed
Last Name:

Adults:
1

Children:
0

This field must be completed
Residential Address:

This field must be completed
Telephone:

Please enter a date in the format DD/MM/YYYY
Arrive:

Please enter a date in the format DD/MM/YYYY
Depart:

Submit

Adults or children out of accepted range:

Please enter a number of adults between 1 and 4
Adults:
0

Please enter a number of children between 0 and 4
Children:
17

Residential Address:

Date input cannot be converted to a Date object:

Please enter a date in the format DD/MM/YYYY
Arrive:

20140730

Please enter a date in the format DD/MM/YYYY
Depart:

31072014

Submit

Arrival date is in the past:

Telephone:

94811111

Please enter a date in the future
Arrive:

01/07/2014

Depart:

31/08/2014

Submit

Departure date is before arrival date:

Telephone:

94811111

Arrive:

30/07/2014

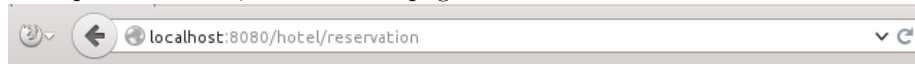Please enter a departure date which is after the arrival date
Depart:

01/07/2014

Submit

Confirmation

All inputs validated, confirmation page shown:

Fawlty Towers Guest Registration

Thank you for making a reservation, Ben

Your details:	
Name	Ben Formosa
Adults	2
Children	1
Address	42 Wallaby Way Sydney NSW 2000
Telephone	94811111
Arrive	30/07/2014
Depart	01/08/2014

Edit reservation

New reservation