-----------------------------------------------------------user Table------------------------------------------------------------------

CREATE TABLE `cms`.`user` (

`user\_key` INTEGER UNSIGNED NOT NULL,

`user\_name` VARCHAR(45) NOT NULL,

`password` VARCHAR(45) NOT NULL,

`email\_address` VARCHAR(45) NOT NULL,

`question` VARCHAR(45) NOT NULL,

`answer` VARCHAR(45) NOT NULL,

PRIMARY KEY (`user\_key`)

);

-----------------------------------------------------------website Table-------------------------------------------------------------

CREATE TABLE `cms`.`website` (

`website\_key` INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

`website\_name` VARCHAR(45) NOT NULL,

`active\_flag` VARCHAR(2) NOT NULL,

`css\_path` VARCHAR(1000) NOT NULL,

`javascript\_path` VARCHAR(1000) NOT NULL,

`created\_date` VARCHAR(45) NOT NULL,

`last\_modified` VARCHAR(45) NOT NULL,

PRIMARY KEY (`website\_key`)

);

---------------------------------------------------------blurb\_type Table-----------------------------------------------------------

CREATE TABLE `cms`.`blurb\_type` (

`blurb\_type\_key` INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

`blurb\_type` VARCHAR(45) NOT NULL,

PRIMARY KEY (`blurb\_type\_key`)

);

select \* from blurb\_type;

+----------------+------------------+

| blurb\_type\_key | blurb\_type |

+----------------+------------------+

| 1 | editable\_header |

| 2 | editable\_content |

| 3 | editable\_left |

| 4 | editable\_right |

| 5 | editable\_middle |

| 6 | editable\_footer |

+----------------+------------------+

-----------------------------------------------------------user\_access Table--------------------------------------------------------

CREATE TABLE `cms`.`user\_access` (

`user\_access\_key` INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

`user\_key` INTEGER UNSIGNED NOT NULL,

`website\_key` INTEGER UNSIGNED NOT NULL,

PRIMARY KEY (`user\_access\_key`),

CONSTRAINT `FK\_user\_access\_user\_key` FOREIGN KEY `FK\_user\_access\_user\_key` (`user\_key`)

REFERENCES `user` (`user\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `FK\_user\_access\_website\_key` FOREIGN KEY `FK\_user\_access\_website\_key` (`website\_key`)

REFERENCES `website` (`website\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE

);

----------------------------------------------------------template\_code Table----------------------------------------------------

CREATE TABLE `cms`.`template\_code` (

`template\_code\_key` INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

`template\_key` INTEGER UNSIGNED NOT NULL,

`blurb\_type\_key` INTEGER UNSIGNED NOT NULL,

`template\_code` VARCHAR(5000) NOT NULL,

PRIMARY KEY (`template\_code\_key`),

CONSTRAINT `FK\_template\_code\_blurb\_type\_key` FOREIGN KEY `FK\_template\_code\_blurb\_type\_key` (`blurb\_type\_key`)

REFERENCES `blurb\_type` (`blurb\_type\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `FK\_template\_code\_template\_key` FOREIGN KEY `FK\_template\_code\_template\_key` (`template\_key`)

REFERENCES `template` (`template\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE

);

select \* from template\_code;

+-------------------+--------------+----------------+---------------------------------+

| template\_code\_key | template\_key | blurb\_type\_key | template\_code |

+-------------------+--------------+----------------+---------------------------------+

| 1 | 1 | 1 | <div id=editable\_header> |

| 2 | 1 | 2 | </div><div id=editable\_content> |

| 3 | 1 | 6 | </div><div id=editable\_footer> |

| 4| 2 | 1 | <div id=editable\_header> |

| 5 | 2 | 2 | </div><div id=editable\_content> |

| 6 | 2 | 5 | </div><div id=editable\_middle> |

| 7 | 2 | 6| <div id=editable\_header> |

| 8 | 3 | 1 | </div><div id=editable\_header> |

| 9 | 3 | 3 | </div><div id=editable\_left> |

| 10 | 3 | 4 | <div id=editable\_right> |

| 11| 3 | 6 | </div><div id=editable\_footer> |

| 12 | 4 | 1 | </div><div id=editable\_header> |

| 13| 4 | 3 | </div><div id=editable\_left> |

| 14 | 4 | 4 | <div id=editable\_right> |

| 15| 4 | 6 | </div><div id=editable\_footer> |

| 16| 5 | 2 | </div><div id=editable\_footer> |

+-------------------+--------------+----------------+---------------------------------+

-----------------------------------------------------------------page Table-----------------------------------------------------------

CREATE TABLE `cms`.`page` (

`page\_key` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`page\_name` varchar(45) NOT NULL,

`website\_key` int(10) unsigned NOT NULL,

`template\_key` int(10) unsigned NOT NULL,

`active\_flag` varchar(2) NOT NULL,

`default\_page` varchar(2) NOT NULL,

PRIMARY KEY (`page\_key`),

KEY `FK\_page\_website\_key` (`website\_key`),

KEY `FK\_page\_template\_key` (`template\_key`),

CONSTRAINT `FK\_page\_template\_key` FOREIGN KEY (`template\_key`)

REFERENCES `template` (`template\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `FK\_page\_website\_key` FOREIGN KEY (`website\_key`)

REFERENCES `website` (`website\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE

);

----------------------------------------------------------------blurb$ Table----------------------------------------------------------

CREATE TABLE `cms`.`blurb$` (

`blurb$\_key` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`page\_key` int(10) unsigned NOT NULL,

`blurb\_type\_key` int(10) unsigned NOT NULL,

`content` varchar(65517) NOT NULL,

`active\_flag` varchar(2) NOT NULL,

PRIMARY KEY (`blurb$\_key`),

KEY `FK\_blurb$\_page\_key` (`page\_key`),

KEY `FK\_blurb$\_blurb\_type\_key` (`blurb\_type\_key`),

CONSTRAINT `FK\_blurb$\_blurb\_type\_key` FOREIGN KEY (`blurb\_type\_key`)

REFERENCES `blurb\_type` (`blurb\_type\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `FK\_blurb$\_page\_key` FOREIGN KEY (`page\_key`)

REFERENCES `page` (`page\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE

);

--------------------------------------------------------------------blurb Table-------------------------------------------------------

CREATE TABLE `cms`.`blurb` (

`blurb\_key` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`page\_key` int(10) unsigned NOT NULL,

`blurb\_type\_key` int(10) unsigned DEFAULT NULL,

`content` varchar(65517) NOT NULL,

`active\_flag` varchar(2) NOT NULL,

PRIMARY KEY (`blurb\_key`),

KEY `FK\_blurb\_page\_key` (`page\_key`),

KEY `FK\_blurb\_blurb\_type\_key` (`blurb\_type\_key`),

CONSTRAINT `FK\_blurb\_blurb\_type\_key` FOREIGN KEY (`blurb\_type\_key`)

REFERENCES `blurb\_type` (`blurb\_type\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `FK\_blurb\_page\_key` FOREIGN KEY (`page\_key`)

REFERENCES `page` (`page\_key`)

ON DELETE CASCADE

ON UPDATE CASCADE

);

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---------------------------------------------------------------Template Table------------------------------------------------------

CREATE TABLE `cms`.`template` (

`template\_key` INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

` template \_name` VARCHAR(45) NOT NULL,

` template \_code` VARCHAR(45) NOT NULL,

` template \_path` VARCHAR(1000) NOT NULL,

PRIMARY KEY (`template \_key`)

);

For template 1:

Insert following data:

1) template\_key:1

2) template\_name:Template1

3) template\_code:

<%@page import="beans.BlurbBean"%><%@page import="delegate.BlurbDelegate"%><html><head><title>View Website</title>

<link href="<%=request.getAttribute("cssPath")%>" rel="stylesheet" type="text/css" media=screen><script src="<%=request.getAttribute("javascriptPath")%>" type="text/javascript"></script>

</head><body><div align="right">

<a href="/CMS/pages/index.jsp?websiteName=<%=request.getAttribute("websiteName").toString() %>&pageName=<%=request.getAttribute("pageName").toString() %>&mode=edit">Login</a></div>

<div id="editable\_header"><%BlurbDelegate blurbDelegate=new BlurbDelegate();

BlurbBean blurbBean=new BlurbBean();blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_header");

%><%=blurbBean.getContent() %></div><div id="editable\_content"><%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_content");

%><%=blurbBean.getContent() %></div><div id="editable\_footer"><%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_footer"); %><%=blurbBean.getContent() %></div></body></html>

4)template\_path: /shared/template1.jsp

For template 2:

Insert following data:

1) template\_key:2

2) template\_name:Template2

3) template\_code:

<%@page import="beans.BlurbBean"%><%@page import="delegate.BlurbDelegate"%><html>

<head><title>View Website</title>

<script src="<%=request.getAttribute("javascriptPath")%>" type="text/javascript"></script>

<link href="/CMS/css/template2.css" rel="stylesheet" type="text/css" media=screen>

<link href="<%=request.getAttribute("cssPath")%>" rel="stylesheet" type="text/css" media=screen>

</head><body><div align="right">

<a href="/CMS/pages/index.jsp?websiteName=<%=request.getAttribute("websiteName").toString() %>&pageName=<%=request.getAttribute("pageName").toString() %>&mode=edit">Login</a></div>

<div id="editable\_header">

<% BlurbDelegate blurbDelegate=new BlurbDelegate();

BlurbBean blurbBean=new BlurbBean(); blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_header");%> <%=blurbBean.getContent() %></div>

<div id="editable\_left"> <%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_left");%> <%=blurbBean.getContent() %></div>

<div id="editable\_right"> <%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_right");%> <%=blurbBean.getContent() %></div>

<div id="editable\_footer"><%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_footer");%>

<%=blurbBean.getContent() %></div></body></html>

4)template\_path: /shared/template2.jsp

For template 3:

Insert following data:

1) template\_key:3

2) template\_name:Template3

3) template\_code: <%@page import="beans.BlurbBean"%>

<%@page import="delegate.BlurbDelegate"%>

<html>

<head>

<title>View Website</title>

<script src="<%=request.getAttribute("javascriptPath")%>" type="text/javascript"></script>

<link href="/CMS/css/template3.css" rel="stylesheet" type="text/css" media=screen>

<link href="<%=request.getAttribute("cssPath")%>" rel="stylesheet" type="text/css" media=screen>

</head>

<body><div align="right">

<a href="/CMS/pages/index.jsp?websiteName=<%=request.getAttribute("websiteName").toString() %>&pageName=<%=request.getAttribute("pageName").toString() %>&mode=edit">Login</a></div>

<div id="editable\_header">

<% BlurbDelegate blurbDelegate=new BlurbDelegate();

BlurbBean blurbBean=new BlurbBean();

blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_header");%>

<%=blurbBean.getContent() %></div>

<div id="editable\_content">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_content");%>

<%=blurbBean.getContent() %></div>

<div id="editable\_middle">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_middle");%>

<%=blurbBean.getContent() %></div>

<div id="editable\_footer"><%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_footer");%>

<%=blurbBean.getContent() %></div>

</body>

</html>

4)template\_path: /shared/template3.jsp

For template 4:

Insert following data:

1) template\_key:4

2) template\_name:Template4

3) template\_code:

<%@page import="beans.BlurbBean"%>

<%@page import="delegate.BlurbDelegate"%>

<%@page import="beans.WebsiteBean"%>

<%@page import="beans.PageBean"%>

<html>

<head><title>Teamplate4</title>

<link href="/CMS/css/templateCss.css" rel="stylesheet" type="text/css" media=screen>

<link href="<%=request.getAttribute("cssPath")%>" rel="stylesheet" type="text/css" media=screen>

</head>

<body>

<div align="right">

<a href="/CMS/pages/index.jsp?websiteName=<%=request.getAttribute("websiteName").toString()%>&pageName=<%=request.getAttribute("pageName").toString()%>&mode=edit">login</a></div>

<div id="editable\_header">

<%BlurbDelegate blurbDelegate=new BlurbDelegate();

BlurbBean blurbBean=new BlurbBean();

blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_header");

%><%=blurbBean.getContent() %>

</div>

<div id="editable\_middle1">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_middle1");

%>

<%=blurbBean.getContent() %>

</div>

<div id="editable\_middle2">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_middle2");

%>

<%=blurbBean.getContent() %>

</div>

<div id="editable\_middle3">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_middle3");

%> <%=blurbBean.getContent() %> </div>

<div id="editable\_footer">

<%blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"editable\_footer");

%> <%=blurbBean.getContent() %>

</div> </body></html>

4)template\_path: /shared/template4.jsp

For template 5:

Insert following data:

1) template\_key:5

2) template\_name:Template5

3) template\_code:

<%@page import="beans.BlurbBean"%>

<%@page import="delegate.BlurbDelegate"%>

<%@page import="beans.WebsiteBean"%>

<%@page import="beans.PageBean"%>

<html>

<head>

<title>Template 5</title>

<link href="/CMS/css/templateCss.css" rel="stylesheet" type="text/css" media=screen>

<link href="<%=request.getAttribute("cssPath")%>" rel="stylesheet" type="text/css" media=screen>

</head>

<body>

<div align="right">

<a href="/CMS/pages/index.jsp?websiteName=<%=request.getAttribute("websiteName").toString()%>&pageName=<%=request.getAttribute("pageName").toString()%>&mode=edit">login</a></div>

<div id="editable\_content">

<%BlurbDelegate blurbDelegate=new BlurbDelegate();

BlurbBean blurbBean=new BlurbBean();

blurbBean=blurbDelegate.getBlurbByPageKeyAndBlurbTypeKey(request.getAttribute("websiteName").toString(),request.getAttribute("pageName").toString(),"content");

%><%=blurbBean.getContent() %>

</div>

</body></html>

4)template\_path: /shared/template5.jsp