**import** cgi

**from** google.appengine.api **import** users

**import** webapp2

**import** datetime

**from** google.appengine.ext **import** db

MAIN\_PAGE\_HTML = **"""\**

**<html>**

**<HEAD>**

**<TITLE>Log In</TITLE>**

**</HEAD>**

**<H1>Log In</H1>**

**<body>**

**<form action="/submit" method="get">**

**Email/ Username:<br>**

**<div><textarea name="username" rows="1" cols="15"></textarea></div>**

**Password:<br>**

**<div><textarea name="password" rows="1" cols="15"></textarea></div>**

**<div><input type="submit" value="SUBMIT"></div>**

**</form>**

**<form action="/createAccount" method="post">**

**Don't Have an Account? Create One!**

**<div><input type="submit" value="Add Account"></div>**

**</form>**

**<br>**

**<br>**

**<br>**

**<br>**

**<br>**

**<P> <B>Thanks for visiting!</B>**

**<BR> <B><I>Blog by Benjamin D. Horn - University of Cincinnati..</I></B>**

**</body>**

**</html>**

**"""**

ADD\_ACCOUNT\_HTML = **"""\**

**<HTML>**

**<HEAD>**

**<TITLE>Create New Account</TITLE>**

**</HEAD>**

**<HR>**

**<H1>Create New Account</H1>**

**<form action="/added" method="post">**

**Email/ Username:<br>**

**<div><textarea name="user\_name" rows="1" cols="15"></textarea></div>**

**Password:<br>**

**<div><textarea name="pass\_word" rows="1" cols="15"></textarea></div>**

**<div><input type="submit" value="Create Account"></div>**

**</form>**

**<form action="/" method="get">**

**<div><input type="submit" value="Back to Login Account"></div>**

**</form>**

**<HR>**

**</BODY>**

**</HTML>**

**"""**

ADD\_POST\_HTML = **"""\**

**<HTML>**

**<HEAD>**

**<TITLE>New Post</TITLE>**

**</HEAD>**

**<HR>**

**<H1>New Post</H1>**

**<form action="/reSubmit" method="post">**

**Title:<br>**

**<div><textarea name="title" rows="1" cols="15"></textarea></div>**

**Bodyt:<br>**

**<div><textarea name="body" rows="20" cols="50"></textarea></div>**

**<div><input type="submit" value="SUBMIT"></div>**

**<br>**

**</form>**

**<form action="/viewAll" method="post">**

**Done Posting?**

**<br>**

**<div><input type="submit" value="View All Posts"></div>**

**</form>**

**<br>**

**<br>**

**<br>**

**<br>**

**<br>**

**<P> <B>Thanks for visiting!</B>**

**<BR> <B><I>Blog by Benjamin D. Horn - University of Cincinnati..</I></B>**

**<HR>**

**</BODY>**

**</HTML>**

**"""**

VIEW\_ALL\_POST\_HTML = **"""\**

**<HTML>**

**<HEAD>**

**<TITLE>View all Posts</TITLE>**

**</HEAD>**

**<HR>**

**<H1>Showing all Posts</H1>**

**<form action="/backToSub" method="post">**

**<div><input type="submit" value="Create New Post"></div>**

**</form>**

**<HR>**

**</BODY>**

**</HTML>**

**"""**

LOG\_IN\_VERIFIED = **"""\**

**<HTML>**

**<HEAD>**

**<TITLE>LOG IN VERIFIED</TITLE>**

**</HEAD>**

**<HR>**

**<H1>You are in!</H1>**

**<form action="/continue" method="post">**

**<div><input type="submit" value="Continue to Site"></div>**

**</form>**

**<HR>**

**</BODY>**

**</HTML>**

**"""**

**class** postDataBase12(db.Model):

title = db.StringProperty()

body = db.StringProperty()

date = db.DateProperty()

**class** userDataBase(db.Model):

user\_name = db.StringProperty()

pass\_word = db.StringProperty()

**class** continueOn(webapp2.RequestHandler):

**def** get(self):

entered\_user\_name = cgi.escape(self.request.get(**'username'**))

entered\_pass\_word = cgi.escape(self.request.get(**'password'**))

*#self.response.write(entered\_user\_name)*

*#self.response.write(entered\_pass\_word)*

v = userDataBase.all()

v.filter(**'user\_name ='**, entered\_user\_name)

z = userDataBase.all()

z.filter(**'pass\_word ='**, entered\_pass\_word)

**if not** v.get() **or not** z.get():

self.response.write(**"Error: Invalid username or password!"**)

self.response.write(**'<br><br> Invalid entry for: '**)

self.response.write(entered\_user\_name)

self.response.write(**'<br><br>'**)

self.response.write(MAIN\_PAGE\_HTML)

self.response.write(**'<br><br>'**)

**return**

self.response.write(LOG\_IN\_VERIFIED)

**class** MainPage(webapp2.RequestHandler):

**def** get(self):

self.query = postDataBase12.all()

db.delete(self.query)

self.response.write(MAIN\_PAGE\_HTML)

self.query2 = userDataBase.all()

**for** self.each **in** self.query2:

self.response.write(**'<p> %s %s</p>'** % (self.each.user\_name, self.each.pass\_word))

**class** enterNewPost(webapp2.RequestHandler):

**def** post(self):

self.response.write(**'<html><body>Logged in as:<pre>'**)

self.response.write(cgi.escape(self.request.get(**'username'**)))

self.response.write(**'</pre></body></html>'**)

title\_text = self.request.get(**'title'**)

title\_text = str(title\_text)

body\_text = self.request.get(**'body'**)

body\_text = str(body\_text)

**if** title\_text != **"" and** body\_text != **""**:

self.temp\_title = postDataBase12(title = title\_text, body = body\_text, date = datetime.datetime.now().date())

self.temp\_title.put()

self.response.write(ADD\_POST\_HTML)

**class** createAccount(webapp2.RequestHandler):

**def** post(self):

title\_text = self.request.get(**'user\_name'**)

title\_text = str(title\_text)

body\_text = self.request.get(**'pass\_word'**)

body\_text = str(body\_text)

**if** title\_text != **"" and** body\_text != **""**:

self.temp\_title = userDataBase(user\_name = title\_text, pass\_word = body\_text)

self.temp\_title.put()

self.response.write(ADD\_ACCOUNT\_HTML)

**class** viewAllPosts(webapp2.RequestHandler):

**def** post(self):

self.response.write(**'<html><body>Logged in as:<pre>'**)

self.response.write(cgi.escape(self.request.get(**'username'**)))

self.response.write(**'</pre></body></html>'**)

self.response.write(VIEW\_ALL\_POST\_HTML)

self.query = postDataBase12.all()

space = **"............"**

**for** self.each **in** self.query:

self.response.write(**'<br><br>'**)

self.response.write(**'<p> %s %s %s</p>'** % (self.each.title,space, self.each.date))

self.response.write(**'<p> %s </p>'** %self.each.body)

self.response.write(**'<br><br>'**)

self.response.write(**'<P> <br><br><br><B>Thanks for visiting!</B><BR> <B><I>Blog by Benjamin D. Horn - University of Cincinnati..</I></B>'**)

app = webapp2.WSGIApplication([

(**'/'**, MainPage),

(**'/submit'**, continueOn),

(**'/reSubmit'**, enterNewPost),

(**'/continue'**, enterNewPost),

(**'/createAccount'**, createAccount),

(**'/viewAll'**, viewAllPosts),

(**'/added'**, createAccount),

(**'/backToSub'**, enterNewPost)

], debug=True)