

Task: Login System using handlebar

Code

Error.hbs file

```
<h1>{{error.status}} {{message}}</h1>
<pre>{{error.stack}}</pre>
```

Index.hbs file

```
<div class="container">
  <div class="row">
    <div class="col-xs-12 col-sm-12 col-md-12 col-lg-12">
      <form action="/" method="post" role="form" enctype="application/x-www-
form-urlencoded">
        <legend>Enter Registration Information below</legend>

        <div class="form-group">
          <label for="first_name">First Name</label>
          <input type="text" class="form-control" name="first_name" id="first_name"
placeholder="First Name">
        </div>

        <div class="form-group">
          <label for="last_name">Last Name</label>
          <input type="text" class="form-control" name="last_name" id="first_name"
placeholder="Last Name">
        </div>

        <div class="form-group">
          <label for="email">Email Address</label>
          <input type="text" class="form-control" name="email" id="email"
placeholder="Email Address">
        </div>
```

```
<div class="form-group">
  <label for="pw">Password</label>
  <input type="password" class="form-control" name="pw" id="pw">
</div>

<div class="form-group">
  <label for="pw_confirm">Confirm Password</label>
  <input type="password" class="form-control" name="pw_confirm"
id="pw_confirm">
</div>

<button type="submit" class="btn btn-success">Submit</button>
<button type="cancel" class="btn btn-secondary">Cancel</button>
</form>
</div>
</div>
</div>
```

Layout.hbs file

```
<!DOCTYPE html>
<html>
<head>
  <title>{{title}}</title>

  <script
    src="https://code.jquery.com/jquery-3.2.1.js"
    integrity="sha256-DZAnKJ/6XZ9si04Hgrsxu/8s717jclzLy3oi35EouyE="
    crossorigin="anonymous"></script>
```

```
<!-- Latest compiled and minified CSS & JS -->
<link rel="stylesheet" media="screen"

href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script
>
<link rel='stylesheet' href='/stylesheets/style.css' />
</head>
<body>
  {{{body}}}
</body>
</html>
```

Welcome.hbs file

```
<div style="background-color:rgb(138, 228, 255);" class="jumbotron">
  <div class="container">
    <h1>Hello {{{first_name}}} {{{last_name}}}!</h1>
    <p>You are registered with an email address of {{{email}}}</p>
    <p>Well done!</p>
  </div>
</div>
```

Index.js route file:

```
var express = require('express');
var router = express.Router();

/* GET home page. */
router.get('/', function(req, res, next) {
  res.render('index', { title: 'Node Tutorial' });
});
```

```
router.post('/', function(req, res){  
  var body = req.body;  
  
  var res_body = {  
    first_name: body.first_name,  
    last_name: body.last_name,  
    email: body.email  
  };  
  
  res.render('welcome', res_body);  
});  
  
module.exports = router;
```

App.js file:

```
var express = require('express');  
var path = require('path');  
var favicon = require('serve-favicon');  
var logger = require('morgan');  
var cookieParser = require('cookie-parser');  
var bodyParser = require('body-parser');  
  
var index = require('./routes/index');  
  
var app = express();  
  
// view engine setup  
app.set('views', path.join(__dirname, 'views'));  
app.set('view engine', 'hbs');
```

```
// uncomment after placing your favicon in /public
//app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
app.use(logger('dev'));
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: false }));
app.use(cookieParser());
app.use(express.static(path.join(__dirname, 'public')));

app.use('/', index);

// catch 404 and forward to error handler
app.use(function(req, res, next) {
  var err = new Error('Not Found');
  err.status = 404;
  next(err);
});

// error handler
app.use(function(err, req, res, next) {
  // set locals, only providing error in development
  res.locals.message = err.message;
  res.locals.error = req.app.get('env') === 'development' ? err : {};

  // render the error page
  res.status(err.status || 500);
  res.render('error');
});

module.exports = app;
```

bin/www file:

```
var express = require('express');
var path = require('path');
var favicon = require('serve-favicon');
var logger = require('morgan');
var cookieParser = require('cookie-parser');
var bodyParser = require('body-parser');

var index = require('./routes/index');

var app = express();

// view engine setup
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'hbs');

// uncomment after placing your favicon in /public
//app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
app.use(logger('dev'));
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: false }));
app.use(cookieParser());
app.use(express.static(path.join(__dirname, 'public')));

app.use('/', index);

// catch 404 and forward to error handler
app.use(function(req, res, next) {
  var err = new Error('Not Found');
  err.status = 404;
```

```
    next(err);
  });

  // error handler
  app.use(function(err, req, res, next) {
    // set locals, only providing error in development
    res.locals.message = err.message;
    res.locals.error = req.app.get('env') === 'development' ? err : {};

    // render the error page
    res.status(err.status || 500);
    res.render('error');
  });

  module.exports = app;
```

OUTPUT

Home page



Enter Registration Information below

First Name

Last Name

Email Address

Password

Confirm Password

Welcome page after login:



Error if given route is not defined:

