## Web Development with Node.js and MongoDB

Andrew Marcinkevičius

Video 3.4

Scaffolding an App



## In this Video, we are going to take a look at...

- Express generator tool
- Middleware
- User authentication







```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a on master [!]
$ express -h
 Usage: express [options] [dir]
 Options:
                      output usage information
   -h, --help
   -V, --version
                      output the version number
   -е, --еjs
                      add ejs engine support (defaults to jade)
                       add handlebars engine support
       --hbs
   -H, --hogan
                       add hogan.js engine support
   -c, --css <engine> add stylesheet <engine> support (less|stylus|compass|sass) (defaults to plain css)
                      add .gitignore
       --git
   -f, --force
                      force on non-empty directory
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a on master [!]
```



```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a on master [!]
$ express workout --hbs --git
   create : workout
   create : workout/package.json
   create : workout/app.js
   create : workout/.gitignore
   create : workout/public
   create : workout/public/javascripts
   create : workout/routes
   create : workout/routes/index.js
   create : workout/routes/users.js
   create : workout/public/images
   create : workout/public/stylesheets
   create : workout/public/stylesheets/style.css
   create : workout/views
   create : workout/views/index.hbs
   create : workout/views/layout.hbs
   create : workout/views/error.hbs
   create : workout/bin
   create : workout/bin/www
   install dependencies:
     $ cd workout && npm install
  run the app:
     $ DEBUG=workout:* npm start
```





```
+-- range-parser@1.0.3
+-+ send@0.13.0
| | |-- destroy@1.0.3
| | --- mime@1.3.4
H-→ serve-static@1.10.1
| | |-- escape-html@1.0.3
| | -- send@0.13.1
      --- depd@1.1.0
     --- destroy@1.0.4
I +-- utils-merge@1.0.0
--- vary@1.0.1
н-т hbs@3.1.1
H-+ handlebars@3.0.0
| | | | -- optimist@0.6.1
| | | |-- minimist@0.0.10
| | | \ -- wordwrap@0.0.3
| | | | -- source-map@0.1.43
| | | --- amdefine@1.0.0
| | └─┬ uglify-js@2.3.6
| | | | -- async@0.2.10
     --- optimist@0.3.7
| L-+ walk@2.2.1
   forEachAsync@2.2.1
      --- sequence@2.2.1
н-т morgan@1.6.1
+-- basic-auth@1.0.3
L-- on-headers@1.0.1
--- serve-favicon@2.3.0
```

```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
$ DEBUG=workout:* npm start
> workout@0.0.0 start /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout
> node ./bin/www
workout:server Listening on port 3000 +0ms
```





## **Express**

Welcome to Express





```
▶ □ 3.1
                                     "private": true,
   ▶ 🗀 3.2
                                     "scripts": {
   ▶ 🗀 3.3
                               6
                                       "start": "nodemon start.js"
   ₩ 🗁 3.4
    V □ a
                                     "dependencies": {
                               8
      9
                                        "body-parser": "~1.13.2",
       ▶ 🗀 bin
                              10
                                        "cookie-parser": "~1.3.5",
       ▶ □ node_modules
                              11
                                        "debug": "~2.2.0",
       ▶ 🗀 public
                              12
                                        "express": "~4.13.1",
       ▶ □ routes
                                       "hbs": "~3.1.0",
                              13
       ▶ 🗀 views
         gitignore.
                              14
                                        "morgan": "~1.6.1",
         app.js
                                        "serve-favicon": "~2.3.0"
                              15
         package.json
                              16
         start.js
                              17
    ▶ □ workout
    ▶ □ workout-modified
   ▶ □ 3.5

▶ □ 4

 ▶ □ 5
 ▶ □ 6
 ▶ □ 7
 ▶ □ 8
   metales.sh
▶ □ scripts
Line 6, Column 5
                                                                                      5 misspelled words
                                                                                                                           Spaces: 2 DE
                                                                                                                 Unix
                                                                                                      UTF-8
```

**FOLDERS** 

▶ □ 2

V 3

package.json

"name": "workout",

"version": "0.0.0",

```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
$ DEBUG=workout:* npm start

> workout@0.0.0 start /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout

> nodemon start.js

[nodemon] 1.8.1
[nodemon] to restart at any time, enter `rs`
[nodemon] watching: *.*
[nodemon] starting `node start.js`
    workout:server Listening on port 3000 +0ms
```



```
FOLDERS
▼ 🕞 code
                               var express = require('express');
 ▶ □ 1
                               var path = require('path');
 ▶ □ 2
                               var favicon = require('serve-favicon');
 V 3
  ▶ □ 3.1
                               var logger = require('morgan');

▶ □ 3.2
                               var cookieParser = require('cookie-parser');

▶ □ 3.3
                               var bodyParser = require('body-parser');
  ₩ 🗁 3.4
                               console.log('')
   V □ a
                               var routes = require('./routes/index');
     var users = require('./routes/users');
      ▶ 🗁 bin
                           10
      ▶ □ node modules
                               var app = express();
                           11
      ▶ □ public
                           12
      ▶ ☐ routes
                               // view engine setup
      ▶ □ views
       gitignore.
                               app.set('views', path.join(__dirname, 'views'));
       app.js
                               app.set('view engine', 'hbs');
       package.json
                           16
       start.js
                               // uncomment after placing your favicon in /public
   ▶ □ workout
                               //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
    workout-modified
                               app.use(logger('dev'));
  ▶ □ 3.5
                               app.use(bodyParser.json());
 D 4
                               app.use(bodyParser.urlencoded({ extended: false }));
 ▶ □ 5
                               app.use(cookieParser());
 ▶ □ 6
                               app.use(express.static(path.join(__dirname, 'public')));
 ▶ [7
 ▶ □ 8
                           24
  export-environment-variables.sh
                               app.use('/', routes);
Scripts
                               app.use('/users', users);
                           27
                               // catch 404 and forward to error handler
                               app.use(function(req, res, next) {
                                 var err = new Error('Not Found');
                           30
```

```
FOLDERS
                                   app.js
▼ 🕞 code
                                  var express = require('express');
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                                  var path = require('path');
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                                  var favicon = require('serve-favicon');
 V 3
   ▶ □ 3.1
                                  var logger = require('morgan');

▶ □ 3.2
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▶ □ 3.3
                                  var bodyParser = require('body-parser');
   ₩ 🗁 3.4
                                  console.log('Hi');
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     var users = require('./routes/users');
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       ▶ □ node modules
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 ▶ □ 8
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   export-environment-variables.sh
                                  app.use('/', routes);
Scripts
                                  app.use('/users', users);
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                                  // catch 404 and forward to error handler
                                  app.use(function(req, res, next) {
                                    var err = new Error('Not Found');
                             30
Warning: evaluating 'console.log' at app.js#7: could not resolve first part of 'console.log', Info: processing 'JavaScript': please wait..., 86 Words, Line 7, Column 19; Saved ~/projects/nodejs-mongodb-video-course/code/3/3/4/a/workout
```

```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
$ DEBUG=workout:* npm start
> workout@0.0.0 start /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout
> nodemon start.js

[nodemon] 1.8.1
[nodemon] to restart at any time, enter `rs`
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[nodemon] starting `node start.js`
    workout:server Listening on port 3000 +0ms
```



```
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 ▶ □ 2
                               var favicon = require('serve-favicon');
 V 3
  ▶ □ 3.1
                               var logger = require('morgan');

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                               var routes = require('./routes/index');
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       start.js
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                               var favicon = require('serve-favicon');
 V 3
  ▶ □ 3.1
                               var logger = require('morgan');

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                               var cookieParser = require('cookie-parser');

▶ □ 3.3
                               var bodyParser = require('body-parser');
  ₩ 🗁 3.4
                               console.log('Hi');
   V □ a
                               var routes = require('./routes/index');
     var users = require('./routes/users');
      ▶ 🗁 bin
                           10
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                               var app = express();
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      ▶ □ public
                           12
      ▶ □ routes
                               // view engine setup
      ▶ □ views
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                               app.set('view engine', 'hbs');
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                               app.use(logger('dev'));
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                               app.use(bodyParser.json());
 D 4
                               app.use(bodyParser.urlencoded({ extended: false }));
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Scripts
                               app.use('/users', users);
                           27
                               // catch 404 and forward to error handler
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                                 var err = new Error('Not Found');
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$ DEBUG=workout:* npm start

> workout@0.0.0 start /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout

> nodemon start.js

[nodemon] 1.8.1
[nodemon] to restart at any time, enter `rs`
[nodemon] watching: *.*
[nodemon] starting `node start.js`
    workout:server Listening on port 3000 +0ms
[nodemon] restarting due to changes...
[nodemon] starting `node start.js`
Hi
    workout:server Listening on port 3000 +0ms
```



```
FOLDERS
▶ □ 1
 ▶ □ 2
 V 3
   ▶ □ 3.1
   ▶ 🗀 3.2
   ▶ □ 3.3
   ₩ 🗁 3.4
     V □ a
      ♥ 🕞 workout
        ▶ 🗀 bin
        ▶ □ node_modules
        ▶ 🗀 public
        ▼ 🗁 routes
            index.js
            users.js
        ▶ 🗀 views
          gitignore .
          app.js
          package.json
          start.js
     ▶ □ workout
     ▶ □ workout-modified
   ▶ 🗀 3.5

► □ 4
 ▶ □ 5
 ▶ □ 6
 ▶ □ 7
 ▶ □ 8
    export-environment-variables.sh
▶ □ scripts
```

```
index.js
    var express = require('express');
    var router = express.Router();
    /* GET home page. */
    router.get('/', function(req, res, next) {
      res.render('index', { title: 'Express' });
    });
 8
    module.exports = router;
10
```

Spaces: 4 V JaVaScript (Babel)

UTF-8

```
FOLDERS
                               app.js
var express = require('express');
 ▶ □ 1
                               var path = require('path');
 ▶ □ 2
                               var favicon = require('serve-favicon');
 V 3
  ▶ □ 3.1
                               var logger = require('morgan');

▶ □ 3.2
                               var cookieParser = require('cookie-parser');
  ▶ □ 3.3
                               var bodyParser = require('body-parser');
  ₩ 🗁 3.4
   V □ a
                               var routes = require('./routes/index');
     var users = require('./routes/users');
      ▶ [ bin
                           10
      ▶ □ node modules
                               var app = express();
                           11
      ▶ □ public
                           12

▼  routes

                               // view engine setup
         index.js
                               app.set('views', path.join(__dirname, 'views'));
         users.js
      views
                               app.set('view engine', 'hbs');
       gitignore.
                           16
       app is
                               // uncomment after placing your favicon in /public
       package.json
                               //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
       start.js
                               app.use(logger('dev'));
   ▶ □ workout
                               app.use(bodyParser.json());
    workout-modified
                               app.use(bodyParser.urlencoded({ extended: false }));
  ▶ 🗀 3.5
                               app.use(cookieParser());

□ 4
                               app.use(express.static(path.join(__dirname, 'public')));
 ▶ □ 5
                           24
 ▶ 176
 ▶ □ 7
                               app.use('/', routes);
 ▶ □ 8
                               app.use('/users', users);
  n export-environment-variables.sh
                           27
Scripts
                               // catch 404 and forward to error handler
                               app.use(function(req, res, next) {
                                 var err = new Error('Not Found');
                           30
                                                                                                    Unix
```











6,957





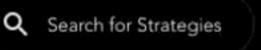
by Jared Hanson

Home

Documentation

**Features** 

Strategies





## Simple, unobtrusive authentication for Node.js

Passport is authentication middleware for Node.js. Extremely flexible and modular, Passport can be unobtrusively dropped in to any Express-based web application. A comprehensive set of strategies support authentication using a username and password, Facebook, Twitter, and more.

```
passport.authenticate('facebook');
```



```
FOLDERS
                                 app.js
37
 ▶ [7 1
 ▶ 172
                                // catch 404 and forward to error handler
 V 3
                                app.use(function(request, response, next) {
  ▶ □ 3.1
                                     const error = new Error('Not Found');
                            40

▶ □ 3.2
                                     error status = 404;
                            41
  ▶ □ 3.3
                                    next(error);
                            42
  ₩ 🕞 3.4
                            43
                                });
   V ⅓ a
                            44
     // error handlers
      ▶ 🗀 bin
                            46
      ▼ 🗁 db
                                // development error handler
         index.js
                                // will print stacktrace
         g users.js
      ▼ 🕞 lib
                                if (app.get('env') === 'development') {
         passport.js
                                     app.use(function(error, request, response, next) {
                            50
      node modules
                            51
                                         response status(error status | 500);
      ▶ 🗀 public
                                         response render ('error', {
                            52
      53
                                              message: error.message,
         index.js
                            54
                                              error: error
         a users.js
                            55
                                         });
      });
                            56
         error.hbs
                            57
         [9 index.hbs
                            58
         [9 layout.hbs
         19 login.hbs
                                // production error handler
        gitignore.
                                // no stacktraces leaked to user
                            60
        app is
                                app.use(function(error, request, response, next) {
        package.json
                                     response status(error status | 500);
                            62
        start.js
                                     response render ('error', {
                            63
    64
                                         message: error.message,
     \( \) workout-modified
                                         error: {}
                            65
  ▶ 🗀 3.5
                                    });
                            66
 D 4
                                                                                                                 Spaces: 4 | JavaScript (Babel)
                                                                                                        Unix
                                                                                              UTF-8
```

103 Words, Line 38, Column 1

ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
\$ npm install --save passport passport-local



```
FOLDERS
                                 passport.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 // const passport = require('passport');
 V 3
  ▶ □ 3.1
                                 // const Strategy = require('passport-local').Strategy;

▶ □ 3.2
                                 // const db = require('./../db');
  ▶ □ 3.3
  ₩ 🗁 3.4
                                 // passport.use(new Strategy(
   V B a
                                         function (username, password, done) {
                              8
     db.users.findByUsername(username, function (error, user) {
      ▶ 🗀 bin
                                                  if (error) {
                            10
      ₩ 🗁 db
                                                       return done(error);
                            11
         index.js
                            12
         users.js
                            13
      ▼ 🗁 lib
         apassport.js
                            14
                                                  if (!user) {
      ▶ □ node_modules
                                                       return done(null, false);
      ▶ □ public
                            16
      17
         index.js
                                                  if (user.password != password) {
                            18
         a users.js
                            19
                                                       return done(null, false, { message: 'Invalid credentials' });
      20
         error.hbs
                            21
         [9 index.hbs
                                                  return done(null, user);
         [9 layout.hbs
                                             });
         [9 login.hbs
        gitignore.
                            24
        app.js
                                 // ));
        package.json
                            26
        start.js
                                 // passport.serializeUser(function (user, done) {
    ▶ □ workout
                                         done(null, user.id);
                            28
     workout-modified
                                 // });
                            29
  ▶ 🗀 3.5
                            30
 D 4
                                                                                                                    Spaces: 4 V JavaScript (Babe
                                                                                 7 misspelled words
                                                                                                           Unix
                                                                                                UTF-8
```

43 Words, Line 1, Column 1

```
FOLDERS
                                  passport.js
♥ → code
                                  'use strict':
 ▶ □ 1
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                                 const passport = require('passport');
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                                  // passport.use(new Strategy(
   V □ a
                                          function (username, password, done) {
                              8
     db.users.findByUsername(username, function (error, user) {
      ▶ 🗀 bin
                                                   if (error) {
                             10
      ▼ 🗁 db
                                                        return done(error);
                             11
         index.js
                             12
         a users.js
                             13
      ▼ 🗁 lib
         passport.js
                                                   if (!user) {
                             14
      ▶ □ node_modules
                                                        return done(null, false);
      ▶ 🗀 public
                             16

▼ P routes

                             17
         index.js
                                                   if (user.password != password) {
                             18
                                 11
         a users.js
                             19
                                                        return done(null, false, { message: 'Invalid credentials' });
      ▼ → views
                             20
         error.hbs
                             21
         [9 index.hbs
                                                   return done(null, user);
         [9 layout.hbs
                                              });
         19 login.hbs
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     workout-modified
                                 // });
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                             6
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                                passport.use(new Strategy(
   V □ a
                                     function (username, password, done) {
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      ▶ 🗀 bin
                                                  if (error) {
                            10
      ▼ 🗁 db
                                                      return done(error);
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         index.js
                            12
         Jusers.js
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         passport.js
                                                  if (!user) {
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      ▶ □ node_modules
                                                      return done(null, false);
      ▶ □ public
                            16
      17
         index.js
                                                  if (user.password != password) {
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                                //
         a users.js
                            19
                                                      return done(null, false, { message: 'Invalid credentials' });
      20
         error.hbs
                            21
         [9 index.hbs
                                                  return done(null, user);
         [9 layout.hbs
                            23
                                             });
         19 login.hbs
        gitignore.
                           124
        app.js
                           )25
                                ));
        n package.json
                            26
        start.js
                                // passport.serializeUser(function (user, done) {
    ▶ □ workout
                                        done(null, user.id);
                            28
     workout-modified
                                // });
                            29
  ▶ 🗀 3.5
                            30
 D 4
```

Spaces: 4 V JavaScript (Babe 1 misspelled word Unix 5 Words, 4 selection regions UTF-8

```
FOLDERS
                                 passport.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const passport = require('passport');
 V 3
  ▶ □ 3.1
                                 const Strategy = require('passport-local').Strategy;

▶ □ 3.2
                                 const db = require('./../db');
  ▶ □ 3.3
                              6
  ₩ 🖂 3.4
                                 passport.use(new Strategy(
   V □ a
                                     function (username, password, done) {
                              8
     db.users.findByUsername(username, function (error, user) {
      ▶ 🗀 bin
                            10
                                               if (error) {
      ▼ 🗁 db
                                                   return done(error);
                            11
         index.js
                                               }
                            12
         users.js
                            13
      ▼ 🕞 lib
         a passport.js
                                               if (!user) {
                            14
      ▶ □ node_modules
                                                   return done(null, false);
                            15
      ▶ 🗀 public
                            16
      17
         index.js
                                              if (user.password != password) {
                            18
         a users.js
                                                   return done(null, false, { message: 'Invalid credentials' });
                            19
      20
         error.hbs
                            21
         [9 index.hbs
                                               return done(null, user);
                            22
         [9 layout.hbs
                            23
                                          });
         [9 login.hbs
                            24
        gitignore.
        app.js
                            25
                                 ));
        nackage.json
                            26
        start.js
                                 // passport.serializeUser(function (user, done) {
    ▶ □ workout
                                        done(null, user.id);
                            28
     \( \) workout-modified
                                 // });
  ▶ 🗀 3.5
                            30
 D 4
                                                                                                                   Spaces: 4 | JavaScript (Babel)
                                                                                                          Unix
                                                                                                UTF-8
```

18 Words, 12 selection regions

0 misspelled words

```
FOLDERS
                                 passport.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const passport = require('passport');
 V 3
  ▶ □ 3.1
                                 const Strategy = require('passport-local').Strategy;

▶ □ 3.2
                                 const db = require('./../db');
  ▶ □ 3.3
                              6
  ₩ 🖂 3.4
                                 passport.use(new Strategy(
   V □ a
                                     function (username, password, done) {
                              8
     db.users.findByUsername(username, function (error, user) {
      ▶ 🗀 bin
                            10
                                               if (error) {
      ▼ 🗁 db
                                                   return done(error);
                            11
         index.js
                                               }
                            12
         users.js
                            13
      ▼ 🕞 lib
         a passport.js
                                               if (!user) {
                            14
      ▶ □ node_modules
                                                   return done(null, false);
                            15
      ▶ 🗀 public
                            16
      17
         index.js
                                              if (user.password != password) {
                            18
         a users.js
                                                   return done(null, false, { message: 'Invalid credentials' });
                            19
      20
         error.hbs
                            21
         [9 index.hbs
                                               return done(null, user);
                            22
         [9 layout.hbs
                            23
                                          });
         [9 login.hbs
                            24
        gitignore.
        app.js
                            25
                                 ));
        nackage.json
                            26
        start.js
                                 // passport.serializeUser(function (user, done) {
    ▶ □ workout
                                        done(null, user.id);
                            28
     \( \) workout-modified
                                 // });
  ▶ 🗀 3.5
                            30
 D 4
                                                                                                                   Spaces: 4 | JavaScript (Babel)
                                                                                                          Unix
                                                                                                UTF-8
```

18 Words, 12 selection regions

0 misspelled words

```
FOLDERS
                                  passport.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const passport = require('passport');
 V 3
  ▶ □ 3.1
                                 const Strategy = require('passport-local').Strategy;
  ▶ 🗀 3.2
                                 const db = require('./../db');
  ▶ □ 3.3
                              6
  ₩ 🗁 3.4
                                  passport.use(new Strategy(
   V □ a
                                      function (username, password, done) {
                              8
     db.users.findByUsername(username, function (error, user) {
      ▶ 🗀 bin
                                               if (error) {
                             10
      ₩ 🗁 db
                                                    return done(error);
                             11
         index.js
                             12
         users.js
                             13
      ▼ 🗁 lib
         a passport.js
                                               if (!user) {
                             14
      ▶ □ node_modules
                                                    return done(null, false);
                             15
      ▶ 🗀 public
                             16

▼ P routes

                             17
         index.js
                             18
                                               if (user.password != password) {
         a users.js
                             19
                                                    return done(null, false, { message: 'Invalid credentials' });
      20
         error.hbs
                             21
         [9 index.hbs
                                                return done(null, user);
                             22
         [9] layout.hbs
                             23
                                           });
         19 login.hbs
                             24
        gitignore.
                                 ));
        app.js
                             25
        n package.json
                             26
        start.js
                             27
                                  passport.serializeUser(function (user, done) {
    ▶ □ workout
                                      done(null, user.id);
                             28
     \( \backslash \) workout-modified
                             29
                                 });
  ▶ 🗀 3.5
                             30
 D 4
                                                                                                             Unix
                                                                                                  UTF-8
```

```
FOLDERS
                                     passport.js
return done(error);
                                11
 ▶ □ 1
                                12
  ▶ □ 2
  V 3
                                13
   ▶ □ 3.1
                                                    if (!user) {
                                14
   ▶ 🗀 3.2
                                15
                                                         return done(null, false);
   ▶ □ 3.3
                                16
   ₩ 🕞 3.4
                                17
    V B a
                                                    if (user.password != password) {
                                18
      ▼ → workout
                                19
                                                         return done(null, false, { message: 'Invalid credentials' });
       ▶ 🗀 bin
                                20
       ₩ 🗁 db
                                21
          index.js
          a users.js
                                22
                                                    return done(null, user);
       ▼ 🕞 lib
                                23
                                               });
           a passport.js
                                24
       ▶ □ node_modules
                                     ));
                                25
       ▶ 🗀 public
                                26

▼ P routes

                                27
                                     passport.serializeUser(function (user, done) {
           index.js
                                          done(null, user.id);
                                28
           a users.js
                                     });
                                29
       ▼ → views
                                30
           error.hbs
                                     passport.deserializeUser(function (id, done) {
                                31
           [9 index.hbs
                                32
                                          db.users.findById(id, function (error, user) {
           [9 layout.hbs
           19 login.hbs
                                33
                                               if (error) {
         gitignore.
                                                    return done(error);
                                34
         app.js
                                35
         nackage.json
                                36
         start.js
                                               done(null, user);
                                37
     ▶ □ workout
                                38
                                          });
      \( \backslash \) workout-modified
                                39
                                    });
   ▶ 🗀 3.5
                                40
  D 4
                                                                                                                                Spaces: 4 V JavaScript (Babel
                                                                                         0 misspelled words
                                                                                                                      Unix
9 Words, 10 lines, 200 characters selected
                                                                                                          UTF-8
```





```
FOLDERS
                                app.js
▼ 🕞 code
                                'use strict';
 ▶ □ 1
 ▶ □ 2
                                const express = require('express');
 V 3
  ▶ □ 3.1
                                const path = require('path');

▶ □ 3.2
                                const favicon = require('serve-favicon');
  ▶ □ 3.3
                                const logger = require('morgan');
  ₩ 🖂 3.4
                                const cookieParser = require('cookie-parser');
   V □ a
                                const bodyParser = require('body-parser');
     // const session = require('express-session');
      ▶ 🗀 bin
                                // const passport = require('./lib/passport.js');
      ▼ 🗁 db
                                // const flash = require('connect-flash');
         index.js
                           12
         users.js
                                const routes = require('./routes/index');
      ▼ 🕞 lib
                                const users = require('./routes/users');
         passport.js
      node_modules
                           15
      ▶ □ public
                                const app = express();
                           16

▼  routes

                           17
         index.js
                                // view engine setup
                           18
         a users.js
                                app.set('views', path.join(__dirname, 'views'));
      ▼ 🕞 views
                                app.set('view engine', 'hbs');
         error.hbs
                           21
         19 index.hbs
                                // uncomment after placing your favicon in /public
         [9 layout.hbs
                                //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
         19 login.hbs
                                app.use(logger('dev'));
        gitignore.
        app is
                                app.use(bodyParser.json());
        package.json
                                app.use(bodyParser.urlencoded({ extended: false }));
        start.js
                                app.use(cookieParser());
                           27
    ▶ □ workout
                                app.use(express.static(path.join(__dirname, 'public')));
    ▶ □ workout-modified
                                // app.use(session({ secret: 'keyboard cat', resave: false, saveUninitialized:

▶ □ 3.5
                                false}));
 D 4
                                                                                                                Spaces: 4 | JavaScript (Babe
                                                                              23 misspelled words
                                                                                                        Unix
                                                                                             UTF-8
```

```
FOLDERS
▼ 🕞 code
 ▶ □ 1
 ▶ □ 2
                                 const express = require('express');
 V 3
                                 const path = require('path');
   ▶ □ 3.1
                                 const favicon = require('serve-favicon');
   ▶ 🗀 3.2
                                 const logger = require('morgan');
   ▶ □ 3.3
                                 const cookieParser = require('cookie-parser');
   ₩ 🗁 3.4
                                 const bodyParser = require('body-parser');
    V □ a
                                 const session = require('express-session');
     const passport = require('./lib/passport.js');
      ▶ 🗀 bin
                                 // const flash = require('connect-flash');
                            11
      ▼ 🗁 db
                            12
         index.js
                                 const routes = require('./routes/index');
         users.js
      ▼ 🗁 lib
                                 const users = require('./routes/users');
          passport.js
                            15
       node_modules
                                 const app = express();
                            16
       ▶ □ public
                            17

▼  routes

                                 // view engine setup
                            18
         index.js
                                 app.set('views', path.join(__dirname, 'views'));
         a users.js
                                 app.set('view engine', 'hbs');
       ▼ 🕞 views
                            21
         error.hbs
                                 // uncomment after placing your favicon in /public
         19 index.hbs
                                 //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
          19 layout.hbs
          [9] login.hbs
                                 app.use(logger('dev'));
        gitignore.
                                 app.use(bodyParser.json());
        app is
                                 app.use(bodyParser.urlencoded({ extended: false }));
        package.json
                                 app.use(cookieParser());
                            27
        start.js
                                 app.use(express.static(path.join(__dirname, 'public')));
    ▶ □ workout
                                 // app.use(session({ secret: 'keyboard cat', resave: false, saveUninitialized:
    ▶ □ workout-modified
                                 false}));
   ▶ 🗀 3.5
                                    app.use(flash());
 D 4
                                                                                                                  Spaces: 4 V JavaScript (Babe
                                                                               20 misspelled words
                                                                                                          Unix
103 Words, 2 lines, 89 characters selected
                                                                                               UTF-8
```

```
FOLDERS
▼ 🕞 code
                                 const favicon = require('serve-favicon');
 ▶ □ 1
 ▶ □ 2
                                 const logger = require('morgan');
 V 3
                                 const cookieParser = require('cookie-parser');
   ▶ □ 3.1
                                 const bodyParser = require('body-parser');

▶ □ 3.2
                                 const session = require('express-session');
   ▶ □ 3.3
                                 const passport = require('./lib/passport.js');
   ₩ 🗁 3.4
                                 // const flash = require('connect-flash');
    V □ a
                            12
     13
                                 const routes = require('./routes/index');
      ▶ □ bin
                                 const users = require('./routes/users');
                            14
      ▼ 🗁 db
                            15
         index.js
                                 const app = express();
         a users.js
      ▼ 🗁 lib
                            17
          passport.js
                                // view engine setup
      node_modules
                                 app.set('views', path.join(__dirname, 'views'));
       ▶ □ public
                                 app.set('view engine', 'hbs');
                            20

▼   routes

                            21
         index.js
                                 // uncomment after placing your favicon in /public
         a users.js
                                 //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
       ▼ → views
                                 app.use(logger('dev'));
                            24
         error.hbs
                                 app.use(bodyParser.json());
         19 index.hbs
                                 app.use(bodyParser.urlencoded({ extended: false }));
          [9 layout.hbs
          [9 login.hbs
                                 app.use(cookieParser());
                            27
        gitignore.
                                 app.use(express.static(path.join(__dirname, 'public')));
        app is
                                 app.use(session({ secret: 'keyboard cat', resave: false, saveUninitialized: false}));
        package.json
                                // app.use(flash());
                            30
        start.js
                            31
    ▶ □ workout
                                 app.use(passport.initialize());
                            32
    ▶ □ workout-modified
                                 app.use(passport.session());
                            33
   ▶ □ 3.5
                            34
 D 4
                                                                                                                  Spaces: 4 V JavaScript (Babe
                                                                               16 misspelled words
                                                                                                         Unix
3 lines, 61 characters selected
                                                                                               UTF-8
```

```
FOLDERS
                                           index.js
▼ 🗁 code
                                           exports.users = require('./users');
  ▶ □ 1
  ▶ □ 2
  ₹ 3
    ▶ 🗀 3.1
    ▶ 🗀 3.2
    ▶ 🗀 3.3
    ₩ 🗁 3.4
     V ⅓ a
       ▶ 🗀 bin
        ▼ 🗁 db
            index.js
            users.js
        ▼ 🗁 lib
            passport.js
         ▶ □ node_modules
        ▶ 🗀 public
         ▼ 🗁 routes
            index.js
            users.js
         ▼ 🗁 views
            error.hbs
            [9 index.hbs
            [ layout.hbs
            login.hbs
           gitignore ...
           app.js
           package.json
           start.js
     ▶ □ workout
     ▶ □ workout-modified
    ▶ 🗀 3.5
  ▶ □ 4
Created Snapshot: File Open, 2016-01-17 09:06:04, Line 1, Column 1
                                                                                                        0 misspelled words
                                                                                                                            UTF-8
                                                                                                                                          Unix
                                                                                                                                                     Spaces: 4 | JavaScript (Babel)
```

```
FOLDERS
                                  users.js
'use strict';
 ▶ □ 1
 ▶ □ 2
 V 3
                                  const records = [
   ▶ □ 3.1
                                      { id: 1, username: 'Andrew', password: 'secret', role: 'admin' },

▶ □ 3.2
                                       { id: 2, username: 'Cindy', password: 'forgot', role: 'user' }
   ▶ □ 3.3
                                  1;
                               6
   ₩ 🗁 3.4
    V □ a
                                  exports.findById = function (id, callback) {
     process.nextTick(function () {
      ▶ 🗀 bin
                                           const idx = id - 1;
                             10
      ▼ 🗁 db
                             11
          index.js
                                           if (records[idx] && id == records[idx].id) {
                             12
          a users.js
                             13
                                                callback(null, records[idx]);
       ▼ 🗁 lib
          passport.js
                                           } else {
                             14
       node modules
                                                callback(new Error('User ' + id + ' does not exist'));
                             15
       ▶ □ public
                             16

▼   routes

                                       });
                             17
          index.js
                             18
          a users.js
                             19
       ▼ → views
                                  exports.findByUsername = function (username, callback) {
          error.hbs
                                       process.nextTick(function () {
                             21
          [9 index.hbs
                                            for (let i = 0, length = records.length; i < length; i++) {
                             22
          [9 layout.hbs
                             23
                                                let record = records[i];
          [9] login.hbs
        gitignore.
                             24
        app.js
                                                if (username === record.username) {
                             25
        n package.json
                                                     return callback(null, record);
                             26
        start.js
                             27
    ▶ □ workout
                             28
     \( \) workout-modified
                             29
   ▶ 🗀 3.5
                             30
                                           return callback(null, null);
 D 4
                                                                                   1 misspelled word
                                                                                                                      Spaces: 4 | JavaScript (Babe
                                                                                                             Unix
53 Words, Line 1, Column 1
                                                                                                  UTF-8
```

```
FOLDERS
                                 index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const express = require('express');
 V 3
  ▶ □ 3.1
                                 const router = express.Router();
  ▶ 🗀 3.2
                                 const passport = require('./../lib/passport');
  ▶ □ 3.3
                                 // const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ₩ 🗁 3.4
   V □ a
                                 /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                     response render('index', { title: 'Express' });
                            10
      ₩ 🗁 db
                                 });
                            11
         index.js
                            12
         a users.js
                                 router route('/login')
      ▼ 🗁 lib
                            13
                                      .get(function (request, response) {
         passport.js
                            14
      ▶ □ node_modules
                                          response render ('login');
                            15
      ▶ □ public
                            16

▼ P routes

                                     .post(passport.authenticate('local', {
                            17
         index.js
                            18
                                          successRedirect: '/profile',
         a users.js
                            19
                                          failureRedirect: '/login'
      ▼ → views
                                          // failureFlash: true
                            20
         error.hbs
                            21
                                     }))
         [9 index.hbs
                            22
         [9 layout.hbs
                            23
         19 login.hbs
        gitignore.
                                 // router.get('/logout', function (request, response) {
        app.js
                                         request.logout();
                            25
        package.json
                            26
        start.js
                                         response.redirect('/');
    ▶ □ workout
                                 // });
                            28
     \( \backslash \) workout-modified
                            29

▶ □ 3.5
                                 // router.get('/profile', function (request, response) {
 D 4
                                                                                                UTF-8
```

```
FOLDERS
                                 index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const express = require('express');
 V 3
  ▶ □ 3.1
                                 const router = express.Router();
  ▶ 🗀 3.2
                                 const passport = require('./../lib/passport');
  ▶ □ 3.3
                                 // const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ₩ 🗁 3.4
   V B a
                                 /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                     response render('index', { title: 'Express' });
                            10
      ₩ 🗁 db
                                 });
                            11
         index.js
                            12
         a users.js
                                 router.route('/login')
      ▼ 🗁 lib
                                     .get(function (request, response) {
         passport.js
                            14
      node_modules
                                          response.render('login');
                            15
      public
                                     })
                            16

▼   routes

                                     .post(passport.authenticate('local', {
                            17
         index.js
                                          successRedirect: '/profile',
                            18
         a users.js
                            19
                                          failureRedirect: '/login'
      ▼ → views
                                          // failureFlash: true
                            20
         error.hbs
                                     }))
                            21
         [9 index.hbs
                            22
         [9 layout.hbs
                            23
         19 login.hbs
                                 router.get('/logout', function (request, response) {
        gitignore.
                            24
        app.js
                            25
                                     request logout();
        a package.json
                            26
        start.js
                            27
                                     response redirect('/');
    ▶ □ workout
                            28
                                });
     \( \) workout-modified
                            29

▶ □ 3.5
                                 // router.get('/profile', function (request, response) {
 D 4
                                                                                3 misspelled words
                                                                                               UTF-8
```

```
FOLDERS
                                 index.js
const router = express.Router();
 ▶ □ 1
 ▶ □ 2
                                 const passport = require('./../lib/passport');
 V 3
                                 // const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ▶ □ 3.1

▶ □ 3.2
                                 /* GET home page. */
  ▶ □ 3.3
                                 router.get('/', function(request, response, next) {
  ₩ 🗁 3.4
                                      response.render('index', { title: 'Express' });
                            10
   V □ a
                            11
                                 });
     12
      ▶ 🗀 bin
                                 router.route('/login')
                            13
      ₩ 🗁 db
                                      .get(function (request, response) {
                            14
         index.js
                                          response render ('login');
         a users.js
                            15
      ▼ 🗁 lib
                                      })
                            16
         passport.js
                            17
                                      .post(passport.authenticate('local', {
      node_modules
                                          successRedirect: '/profile',
                            18
      ▶ □ public
                                           failureRedirect: '/login'
                            19

▼ P routes

                                          // failureFlash: true
                            20
         index.js
                                      }))
                            21
         a users.js
                            22
      ▼ → views
                            23
         error.hbs
                                 router.get('/logout', function (request, response) {
                            24
         19 index.hbs
                            25
                                      request logout();
         [9] layout.hbs
         19 login.hbs
                            26
        gitignore.
                            27
                                      response redirect('/');
        app.js
                            28
                                 });
        n package.json
                            29
        start.js
                                 router.get('/profile', function (request, response) {
                            30
    ▶ □ workout
                                      response.send('Hello ' + request.user.username);
                            31
     \( \backslash \) workout-modified
                            32
                                 });

▶ □ 3.5
                            33

▶ □ 4
                                                                                                 UTF-8
```

```
FOLDERS
                                  login.hbs
<form action="/login" method="post">
 ▶ □ 1
                                       <div>
 ▶ □ 2
                                           <label>Username:</label>
 V 3
  ▶ 🗀 3.1
                                           <input type="text" name="username" />
  ▶ 🗀 3.2
                               5
                                       </div>
  ▶ 🗀 3.3
                               6
  ₩ 🕞 3.4
                                       <div>
    V □ a
                               8
                                           <label>Password:</label>
     9
                                           <input type="password" name="password" />
      ▶ 🗀 bin
                             10
                                       </div>
      ▼ 🗁 db
                             11
         index.js
                             12
                                       <div>
         users.js
                             13
                                           <input type="submit" value="Log In" />
      ▼ 🕞 lib
         passport.js
                             14
                                       </div>
      ▶ □ node_modules
                             15
                                  </form>
      ▶ 🗀 public
                             16
      index.js
         users.js
      ▼ 🕞 views
         error.hbs
         index.hbs
         [9 layout.hbs
         | login.hbs
        gitignore .
        app.js
        package.json
        start.js
    ▶ □ workout
    ▶ □ workout-modified
  ▶ 🗀 3.5
 D 4
```

8 Words, Line 1, Column 1 1 misspelled word Spaces: 4 | D E UTF-8 Unix



Username:	*
Password:	*
Log In	





```
FOLDERS
▼ 🕞 code
                                 'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const express = require('express');
 V □ 3
   ▶ □ 3.1
                                 const path = require('path');

▶ □ 3.2
                                 const favicon = require('serve-favicon');
   ▶ □ 3.3
                                 const logger = require('morgan');
   ₩ 🗁 3.4
                                 const cookieParser = require('cookie-parser');
    V B a
                                 const bodyParser = require('body-parser');
     const session = require('express-session');
      ▶ 🗀 bin
                                 const passport = require('./lib/passport.js');
      ₩ 🗁 db
                                 const flash = require('connect-flash');
                            11
         index.js
                            12
         a users.js
                                 const routes = require('./routes/index');
      ▼ 🗁 lib
                                 const users = require('./routes/users');
          passport.js
       node_modules
                            15
       ▶ □ public
                                 const app = express();
                            16

▼   routes

                            17
         index.js
                                 // view engine setup
                            18
         a users.js
                                 app.set('views', path.join(__dirname, 'views'));
       ▼ 🕞 views
                                 app.set('view engine', 'hbs');
         error.hbs
                            21
         19 index.hbs
                                 // uncomment after placing your favicon in /public
          [9 layout.hbs
                                 //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
          19 login.hbs
                                 app.use(logger('dev'));
        gitignore.
                            24
        app is
                                 app.use(bodyParser.json());
        package.json
                                 app.use(bodyParser.urlencoded({ extended: false }));
        start.js
                                 app.use(cookieParser());
                            27
    ▶ □ workout
                                 app.use(express.static(path.join(__dirname, 'public')));
                            28
    ▶ □ workout-modified
                                 app.use(session({ secret: 'keyboard cat', resave: false, saveUninitialized:_false}));
   ▶ 🗀 3.5
                                 // app.use(flash());
 D 4
                                                                                                                  Spaces: 4 | JavaScript (Babel)
                                                                               14 misspelled words
                                                                                                          Unix
3 Words, 2 lines, 40 characters selected
                                                                                               UTF-8
```

```
FOLDERS
                                app.js
▼ 🕞 code
 ▶ □ 1
 ▶ □ 2
                               const express = require('express');
 V 3
                               const path = require('path');
  ▶ □ 3.1
                               const favicon = require('serve-favicon');

▶ □ 3.2
                               const logger = require('morgan');
  ▶ □ 3.3
                               const cookieParser = require('cookie-parser');
  ₩ 🗁 3.4
                               const bodyParser = require('body-parser');
   V B a
                               const session = require('express-session');
     const passport = require('./lib/passport.js');
      ▶ 🗀 bin
                               const flash = require('connect-flash');
                           11
      ₩ 🗁 db
                           12
         index.js
                               const routes = require('./routes/index');
         a users.js
      ▼ 🕞 lib
                               const users = require('./routes/users');
         passport.js
                           15
      node_modules
                               const app = express();
                           16
      ▶ □ public
                           17
      // view engine setup
                           18
         index.js
                               app.set('views', path.join(__dirname, 'views'));
         a users.js
                               app.set('view engine', 'hbs');
      ▼ 🕞 views
                           21
         error.hbs
                               // uncomment after placing your favicon in /public
         19 index.hbs
                               //app.use(favicon(path.join(__dirname, 'public', 'favicon.ico')));
         19 layout.hbs
         [9] login.hbs
                               app.use(logger('dev'));
       gitignore.
                               app.use(bodyParser.json());
       app is
                               app.use(bodyParser.urlencoded({ extended: false }));
       package.json
                               app.use(cookieParser());
                           27
       start.js
                               app.use(express.static(path.join(__dirname, 'public')));
    ▶ □ workout
                               app.use(session({ secret: 'keyboard cat', resave: false, saveUninitialized: false}));
     workout-modified
                           30
                               app_use(flash());
  ▶ 🗀 3.5
                           31
 D 4
                                                                                                               Spaces: 4 | JavaScript (Babe
                                                                                                      Unix
                                                                                            UTF-8
```

```
FOLDERS
                                 index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                const express = require('express');
 V 3
  ▶ □ 3.1
                                const router = express.Router();

▶ □ 3.2
                                const passport = require('./../lib/passport');
  ▶ □ 3.3
                                // const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ₩ 🗁 3.4
   V □ a
                                /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                     response render('index', { title: 'Express' });
                            10
      ▼ 🗁 db
                                });
                           11
         index.js
                           12
         users.js
                                router.route('/login')
      ▼ 🕞 lib
                                     .get(function (request, response) {
         passport.js
                           (14
      node_modules
                                         response.render('login', { error: request.flash('error') });
                           15
      ▶ □ public
                                     <u>})</u>
                           )16

▼   routes

                                     post(passport.authenticate('local', {
                           17
         index.js
                                         successRedirect: '/profile',
                           18
         a users.js
                            19
                                         failureRedirect: '/login'
      20
                                         // failureFlash: true
         error.hbs
                                     }))
                            21
         19 index.hbs
                            22
         [9 layout.hbs
                            23
         19 login.hbs
        gitignore.
                                router.get('/logout', function (request, response) {
                            24
        app.js
                            25
                                     request.logout();
        n package.json
                            26
        start.js
                                     response redirect('/');
                            27
    ▶ □ workout
                                });
                            28
    workout-modified
                            29
  ▶ 🗀 3.5
                                router.get('/profile', function (request, response) {
 D 4
                                                                                                        Unix
                                                                                              UTF-8
```

```
FOLDERS
                                  index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                 const express = require('express');
 V 3
   ▶ □ 3.1
                                 const router = express.Router();

▶ □ 3.2
                                 const passport = require('./../lib/passport');
   ▶ □ 3.3
                                 // const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
   ₩ 🗁 3.4
    V □ a
                                 /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                      response render('index', { title: 'Express' });
                             10
      ▼ 🗁 db
                                 });
                             11
          index.js
                             12
          g users.js
                                  router.route('/login')
       ▼ 🕞 lib
                                      .get(function (request, response) {
          passport.js
                             14
       node_modules
                                           response.render('login', { error: request.flash('error') });
                             15
       ▶ 🗀 public
                                      })
                             16

▼   routes

                                      .post(passport.authenticate('local', {
                            { 17
          index.js
                                           successRedirect: '/profile',
                             18
          a users.js
                             19
                                           failureRedirect: '/login',
       20
                                           failureFlash: true
          error.hbs
                            121
                                      <u>}))</u>
          [9 index.hbs
                             22
          [9 layout.hbs
                             23
          [9] login.hbs
        gitignore.
                                  router.get('/logout', function (request, response) {
                             24
        app.js
                             25
                                      request.logout();
        package.json
                             26
        start.js
                                      response redirect('/');
                             27
    ▶ □ workout
                                 });
                             28
     workout-modified
                             29

▶ □ 3.5
                                 router.get('/profile', function (request, response) {
 D 4
                                                                                                                     Spaces: 4 | JavaScript (Babe
                                                                                                            Unix
34 Words, Line 20, Column 27
                                                                                  2 misspelled words
                                                                                                 UTF-8
```

```
FOLDERS
                                   login.hbs
{{error}}
 ▶ □ 1
 ▶ □ 2
                                  <form action="/login" method="post">
 V 3
  ▶ 🗀 3.1
                                       <div>
  ▶ 🗀 3.2
                                            <label>Username:</label>
  ▶ 🗀 3.3
                               6
                                            <input type="text" name="username" />
  ₩ 🗁 3.4
                                       </div>
    V B a
                               8
     9
                                       <div>
      ▶ 🗀 bin
                             10
                                            <label>Password:</label>
      ₩ 🗁 db
                             11
                                            <input type="password" name="password" />
         index.js
                             12
                                       </div>
         users.js
                             13
      ▼ 🕞 lib
         passport.js
                             14
                                       <div>
      ▶ ☐ node_modules
                             15
                                            <input type="submit" value="Log In" />
      ▶ 🗀 public
                             16
                                       </div>
      ▼ 🕞 routes
                             17
                                  </form>
         index.js
                             18
         users.js
      ▼ 🖒 views
         error.hbs
         [ index.hbs
         [ layout.hbs
         [9 login.hbs
        gitignore ...
        app.js
        package.json
        start.js
    ▶ 🗀 workout
    ▶ □ workout-modified
  ▶ 🗀 3.5
 D 4
```

8 Words, Line 1, Column 17 1 misspelled word Spaces: 4 DE UTF-8 Unix





127.0.0.1:3000/profile















## Cannot read property 'username' of undefined

TypeError: Cannot read property 'username' of undefined

- at /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/routes/index.js:31:42
- at Layer.handle [as handle\_request] (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router
- at next (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router/route.js:131:13)
- at Route.dispatch (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node modules/express/lib/router/route.js:112:3)
- at Layer.handle [as handle\_request] (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router
- at /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router/index.js:277:22
- at Function.process\_params (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router/index.js
- at next (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node\_modules/express/lib/router/index.js:271:10)
  at Function.handle (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node modules/express/lib/router/index.js:176:3)
- at router (/Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout/node modules/express/lib/router/index.js:46:12)



```
ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
$ npm install --save connect-ensure-login
workout@0.0.0 /Users/ifdattic/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout
--- connect-ensure-login@0.1.1

ifdattic at ifdattic-mbp13 in ~/projects/nodejs-mongodb-video-course/code/3/3.4/a/workout on master [!?]
```



```
FOLDERS
                                 index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                const express = require('express');
 V 3
  ▶ □ 3.1
                                const router = express.Router();

▶ □ 3.2
                                const passport = require('./../lib/passport');
  ▶ □ 3.3
                                const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ₩ 3.4
   V B a
                                /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                     response render('index', { title: 'Express' });
                            10
      ▼ 🗁 db
                                });
                            11
         index.js
                            12
         Jusers.js
                                 router.route('/login')
      ▼ 🗁 lib
                                     .get(function (request, response) {
         passport.js
                            14
      ▶ □ node_modules
                                          response.render('login', { error: request.flash('error') });
                            15
      ▶ □ public
                                     })
                            16

▼  routes

                                     .post(passport.authenticate('local', {
                            17
         index.js
                            18
                                          successRedirect: '/profile',
         a users.js
                            19
                                          failureRedirect: '/login',
      ▼ → views
                            20
                                          failureFlash: true
         error.hbs
                                     }))
                            21
         [9 index.hbs
                            22
         [9 layout.hbs
                            23
         19 login.hbs
        gitignore.
                                 router.get('/logout', function (request, response) {
                            24
        app.js
                            25
                                     request.logout();
        n package.json
                            26
        start.js
                                     response redirect('/');
                            27
    ▶ □ workout
                                });
                            28
     \( \) workout-modified
                            29
  ▶ 🗀 3.5
                                router.get('/profile', function (request, response) {
 D 4
                                                                                                         Unix
                                                                                               UTF-8
```

```
FOLDERS
                                 index.js
'use strict';
 ▶ □ 1
 ▶ □ 2
                                const express = require('express');
 V 3
  ▶ □ 3.1
                                const router = express.Router();
  ▶ 🗀 3.2
                                const passport = require('./../lib/passport');
  ▶ 🗀 3.3
                                const ensureLoggedIn = require('connect-ensure-login').ensureLoggedIn;
  ₩ 3.4
   V □ a
                                /* GET home page. */
     router.get('/', function(request, response, next) {
      ▶ 🗀 bin
                                     response render('index', { title: 'Express' });
                            10
      ▼ 🗁 db
                                });
                            11
         index.js
                            12
         users.js
                                 router.route('/login')
      ▼ 🕞 lib
                                     .get(function (request, response) {
         passport.js
                            14
      node_modules
                                          response.render('login', { error: request.flash('error') });
                            15
      ▶ □ public
                                     })
                            16
      .post(passport.authenticate('local', {
                            17
         index.js
                                          successRedirect: '/profile',
                            18
         a users.js
                            19
                                          failureRedirect: '/login',
      ▼ 🕞 views
                            20
                                          failureFlash: true
         error.hbs
                                     }))
                            21
         19 index.hbs
                            22
         [9] layout.hbs
                            23
         19 login.hbs
        gitignore .gitignore
                                 router.get('/logout', function (request, response) {
                            24
        app.js
                            25
                                     request.logout();
        n package.json
                            26
        start.js
                                     response redirect('/');
                            27
    ▶ □ workout
                                });
                            28
    ▶ □ workout-modified
                            29

▶ □ 3.5
                                 router.get('/profile', ensureLoggedIn(), function (request, response) {
                           (30
 D 4
                                                                                                                  Spaces: 4 | JavaScript (Babel)
                                                                                               UTF-8
                                                                                                          Unix
```



Username:	*
Password:	*
Login	



## Next Video

Templating with Handlebars

