PHÁT TRIỂN ỨNG DỤNG WEB VỚI NODEJS (502070)
LAB10 – SHOPPING WEBSITE

TDTU

[Express database integration (expressjs.com)](expressjs.com)

```
$ npm install mongodb
```

Example (v2.*)

```js
const MongoClient = require('mongodb').MongoClient

MongoClient.connect('mongodb://localhost:27017/animals', (err, db) => {
  if (err) throw err

  db.collection('mammals').find().toArray((err, result) => {
    if (err) throw err

    console.log(result)
  })
})
```

Express database integration (expressjs.com)

```
$ npm install mongodb
```

Example (v3.*)

```javascript
const MongoClient = require('mongodb').MongoClient

MongoClient.connect('mongodb://localhost:27017/animals', (err, client) => {
  if (err) throw err

  const db = client.db('animals')

  db.collection('mammals').find().toArray((err, result) => {
    if (err) throw err

    console.log(result)
  })
})
```

https://mongoosejs.com

```
$ npm install mongoose --save
```

```
const mongoose = require('mongoose');

main().catch(err => console.log(err));

async function main() {
  await mongoose.connect('mongodb://localhost:27017/test');
}
```

```
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/test');

const Cat = mongoose.model('Cat', { name: String });

const kitty = new Cat({ name: 'Zildjian' });
kitty.save().then(() => console.log('meow'));
```

[pdf-creator-node - npm (npmjs.com)](pdf-creator-node)

PDFKit

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>Hello world!</title>
  </head>
  <body>
    <h1>User List</h1>
    <ul>
      {{#each users}}
      <li>Name: {{this.name}}</li>
      <li>Age: {{this.age}}</li>
      <br />
      {{/each}}
    </ul>
  </body>
</html>
```

```javascript
var options = {
    format: "A3",
    orientation: "portrait",
    border: "10mm",
    header: {
        height: "45mm",
        contents: '<div style="text-align:
    },
    footer: {
        height: "28mm",
        contents: {
            first: 'Cover page',
            2: 'Second page', // Any page
            default: '<span style="color:
            last: 'Last Page'
        }
    }
};
```

ACME Inc.

ACME Inc.
123 Main Street
New York, NY, 10025

Invoice

Invoice Number:	**1234**		**John Doe**
Invoice Date:	2022/10/10		1234 Main Street
Balance Due:	$80.00		San Francisco, CA, US

Item	Description	Unit Cost	Quantity	Line Total
TC 100	Toner Cartridge	$30.00	2	$60.00
USB_EXT	USB Cable Extender	$20.00	1	$20.00
		Subtotal		$80.00
		Paid To Date		$0.00
		Balance Due		**$80.00**

Payment is due within 15 days. Thank you for your business.

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- Twitter

- Instagram

- LinkedIn

- Google

Passport.js (passportjs.org)

👤 Profile Information

Id: 113269402712580474021
Email: dc9.smart.hunter@gmail.com
Name: Smart Hunter

```js
var GoogleStrategy = require('passport-google-oauth').OAuth2Strategy;
const GOOGLE_CLIENT_ID = '484548727844-s5hpo957pgg11nqorobf298ms3gt9pif.apps.googleusercontent.com';
const GOOGLE_CLIENT_SECRET = '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';
```

```js
passport.use(new GoogleStrategy({
    clientID: GOOGLE_CLIENT_ID,
    clientSecret: GOOGLE_CLIENT_SECRET,
    callbackURL: "http://localhost:3000/auth/google/callback"
  },
  function(accessToken, refreshToken, profile, done) {
    userProfile=profile;
    return done(null, userProfile);
  }
));
```

Nodemailer :: Nodemailer

```
npm install nodemailer
```

```
var nodemailer = require('nodemailer');

var transporter = nodemailer.createTransport({
  service: 'gmail',
  auth: {
    user: 'youremail@gmail.com',
    pass: 'yourpassword'
  }
});
```

Nodemailer :: Nodemailer

Using attachments – Nodemailer

```javascript
var mailOptions = {
  from: 'youremail@gmail.com',
  to: 'myfriend@yahoo.com',
  subject: 'Sending Email using Node.js',
  text: 'That was easy!'
};

transporter.sendMail(mailOptions, function(error, info){
  if (error) {
    console.log(error);
  } else {
    console.log('Email sent: ' + info.response);
  }
});
```

[dropzone - npm (npmjs.com)](npmjs.com)

```html
<script>
  Dropzone.options.myGreatDropzone = { // camelized version of the `id`
    paramName: "file", // The name that will be used to transfer the file
    maxFilesize: 2, // MB
    accept: function(file, done) {
      if (file.name == "justinbieber.jpg") {
        done("Naha, you don't.");
      }
      else { done(); }
    }
  };
</script>
```
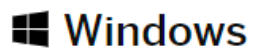
[Getting Started on Heroku with Node.js | Heroku Dev Center](#)
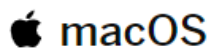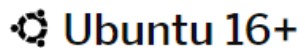
[Getting Started on Heroku with Node.js | Heroku Dev Center](#)

Heroku | Welcome to your new app!

Refer to the documentation if you need help deploying.

```
# Get your heroku username and password ready
$ heroku login
$ heroku logout
```

```
$ git add .
$ git commit –m "setting up to push to Heroku"
$ git push origin master
```

```
$ git push heroku master
```

dropzone - npm (npmjs.com)

https://github.com/sitepoint-editors/image-uploads-dropzonejs-node-express

How to deploy your Node.js / MongoDB app to the web, using Heroku | by

Nicolai Safai | Make School | Medium

Thank you