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                                app.js
var createError = require('http-errors');
var express = require('express');
var path = require('path');
var cookieParser = require('cookie-parser');
var logger = require('morgan');
var cors = require('cors');
var bodyParser = require('body-parser');
var config = require('./services/config');
var fs= require('fs');
var app = express();
app.listen(443);
app.use(cors());
app.use(bodyParser.json({ limit: '50000MB', parameterLimit: 1000000 }));
app.use(bodyParser.urlencoded({ extended: true, limit: '50000MB', parameterLimit:
1000000 }));

//Routes Declaration
//Companies
var companyLoginRouter = require('./routes/companies/login');
var base64Uploader = require('./routes/companies/base64upload');
var pdftojpg = require('./routes/companies/pdftojpg');

//Common
var getImageRouter = require('./routes/common/getImage');
var classificationsRouter = require('./routes/common/classifications');
var getSortCodeBaseCsvRouter = require('./routes/common/getSortCodeBase');
var guestRegisterRouter = require('./routes/common/register');
var vatRouter =require('./routes/common/vat');

//Secreteries
var companiesListRouter = require('./routes/secreteries/companieslist');
var companyNewInvoicesRouter = require('./routes/secreteries/newinvoices');
var approveInvoiceRouter = require('./routes/secreteries/approveinvoice');
var deleteInvoiceRouter = require('./routes/secreteries/deleteInvoice');
var getApprovedInvoicesReportRouter =
require('./routes/secreteries/getApprovedInvoicesReport');
var secreteryLoginRouter = require('./routes/secreteries/login');
var downloadReportRouter = require('./routes/secreteries/downloadreadyreport');

//Admins
var adminLoginRouter = require('./routes/admin/login');
var adminValidationRouter = require('./routes/admin/validate');
var createCompanyRouter = require('./routes/admin/createcompany');
var deleteSortCodeRouter = require('./routes/admin/deletesortcode');
var updateSortCodeRouter = require('./routes/admin/updatesortcode');
var updateCompanyRouter = require('./routes/admin/updateCompany');
var insertSortCodesBulkRouter = require('./routes/admin/insertsortcodesbulk')

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var deleteCompanyRouter = require('./routes/admin/deletecompany')
var uploadCsvSortCodesRouter = require('./routes/admin/uploadcsvsortcodes')

//Filters
var companyValidator = require('./Validators/companyValidator');
var secreteriesValidator = require('./Validators/secreteriesValidator');
var adminValidator = require('./Validators/adminsValidator');

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

app.use(logger('dev'));
app.use(express.json());
app.use(express.urlencoded({ extended: false }));
app.use(cookieParser());
app.use(express.static(path.join(__dirname, 'public')));
app.use(companyValidator);
app.use(secreteriesValidator);
app.use(adminValidator);

//Companies Routes
app.use('/companies/login', companyLoginRouter);
app.use('/companies/upload', base64Uploader);
app.use('/companies/pdftojpg', pdftojpg);

//Common Routes
app.use('/common/classifications', classificationsRouter);
app.use('/common/getImage', getImageRouter);
app.use('/common/sortcodebasecsv', getSortCodeBaseCsvRouter);
app.use('/common/register', guestRegisterRouter);
app.use('/common/vat', vatRouter);

//Secreteries Routes
app.use('/secreteries/companieslist', companiesListRouter);
app.use('/secreteries/newinvoices', companyNewInvoicesRouter);
app.use('/secreteries/approveinvoice', approveInvoiceRouter);
app.use('/secreteries/login', secreteryLoginRouter);
app.use('/secreteries/getapprovedinvoicesreport', getApprovedInvoicesReportRouter);
app.use('/secreteries/deleteinvoice', deleteInvoiceRouter);
app.use('/secreteries/downloadreadyreport', downloadReportRouter);

//Admin Routes
app.use('/admin/login', adminLoginRouter);
app.use('/admin/validate', adminValidationRouter);
app.use('/admin/createcompany', createCompanyRouter);
app.use('/admin/insertsortcodesbulk', insertSortCodesBulkRouter);
app.use('/admin/companieslist', companiesListRouter);

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app.use('/admin/deletesortcode', deleteSortCodeRouter);
app.use('/admin/updatesortcode', updateSortCodeRouter);
app.use('/admin/updatecompany', updateCompanyRouter);
app.use('/admin/deletecompany', deleteCompanyRouter);
app.use('/admin/updatecsvsortcodes', uploadCsvSortCodesRouter)

config.setConfig(function (err) {
  if (err) {
    console.log('CANNOT SET CONFIG');
    console.log(err);
  }
  else {
    console.log("Config set succeeded.")
  }
});

// catch 404 and forward to error handler
app.use(function (req, res, next) {
  next(createError(404));
});

// 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;

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