var passport = require('passport'),

jwt = require('jsonwebtoken'),

User = require('../app/models/users'),

config = require('./config'),

jwtStrategy = require('passport-jwt').Strategy,

extractJwt = require('passport-jwt').ExtractJwt,

localStrategy = require('passport-local');

var localOptions = { usernameField: 'email' };

var jwtOptions = {

jwtFromRequest: extractJwt. fromAuthHeaderAsBearerToken(),

secretOrKey: config.secret,

issuer : 'com.microsoft.example',

audience : "com.chirps.www"

};

var jwtLogin = new jwtStrategy(jwtOptions, function(payload, next){

User.findById(payload.\_id).exec()

.then(function(user){

if (user){

return next(null, user);

} else {

return next(null, false);

}

})

.catch(function(err){ return next(err);});

});

var localLogin = new localStrategy(localOptions, function(email, password, next){

  User.findOne({email: email}).exec()

  .then(function(user){

   if(!user){

   return next({status: "404", message: "Email not found."});

   } else {

   user.comparePassword(password, function (err, isMatch) {

   if (err) {

     return next(err);

   } else if(!isMatch){

         return next({status: 401, message: 'Invalid username or password'});

   } else {

     return next(null, user);

   }

   });

   }

   })

.catch(function(err){return next(err);});

});

generateToken = function(user){

return jwt.sign(user, config.secret, {

expiresIn: 10000

});

};

setUserInfo = function(req){

return {

\_id: req.\_id,

firstName: req.firstName,

lastName: req.lastName,

email: req.email,

issuer: "edu.uwm"

};

};

login = function(req, res, next) {

var userInfo = setUserInfo(req.user);

res.status(200).json({ token: generateToken(userInfo), user: req.user });

};

passport.use(localLogin);

passport.use(jwtLogin);