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| --- |
| from flask import Flask, render\_template |
|  | from flask.ext.security import SQLAlchemyUserDatastore, Security |
|  | from flask.ext.sqlalchemy import SQLAlchemy |
|  | from flask.ext.bootstrap import Bootstrap |
|  | from flask\_mail import Mail |
|  | from flask.ext.security import UserMixin, RoleMixin |
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|  |  |
|  | app = Flask(\_\_name\_\_) |
|  |  |
|  | app.config.update( |
|  | DEBUG=True, |
|  | SQLALCHEMY\_DATABASE\_URI='sqlite:///:memory:', |
|  | SECRET\_KEY='James Bond', |
|  | SECURITY\_REGISTERABLE=True, |
|  | ) |
|  |  |
|  | db = SQLAlchemy(app) |
|  |  |
|  | Bootstrap(app) |
|  | Mail(app) |
|  | roles\_users = db.Table('roles\_users', db.Column('user\_id', db.Integer(), |
|  | db.ForeignKey('user.id')), |
|  | db.Column('role\_id', db.Integer(), |
|  | db.ForeignKey('role.id'))) |
|  |  |
|  |  |
|  | class Role(db.Model, RoleMixin): |
|  | id = db.Column(db.Integer(), primary\_key=True) |
|  | name = db.Column(db.String(80), unique=True) |
|  | description = db.Column(db.String(255)) |
|  |  |
|  |  |
|  | class User(db.Model, UserMixin): |
|  | id = db.Column(db.Integer, primary\_key=True) |
|  | email = db.Column(db.String(255), unique=True) |
|  | password = db.Column(db.String(255)) |
|  | active = db.Column(db.Boolean()) |
|  | confirmed\_at = db.Column(db.DateTime()) |
|  | roles = db.relationship('Role', secondary=roles\_users, |
|  | backref=db.backref('users', lazy='dynamic')) |
|  |  |
|  | user\_datastore = SQLAlchemyUserDatastore(db, User, Role) |
|  | Security(app, user\_datastore) |
|  |  |
|  |  |
|  | @app.before\_first\_request |
|  | def setupDatabase(): |
|  | db.create\_all() |
|  |  |
|  |  |
|  | @app.route('/') |
|  | def index(): |
|  | return render\_template('index\_alternative.html') |
|  |  |
|  |  |
|  | if \_\_name\_\_ == '\_\_main\_\_': |
|  | app.run() |