**package** com.velocity.model;

**import** javax.persistence.\*;

@Entity

@Table(name="states")

**public** **class** State {

@Id

@GeneratedValue(strategy=GenerationType.***AUTO***)

@Column(name="id")

**private** **int** id;

@Column(name="stateName")

**private** String name;

**private** String population;

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getPopulation() {

**return** population;

}

**public** **void** setPopulation(String population) {

**this**.population = population;

}

@Override

**public** String toString() {

**return** "State [id=" + id + ", name=" + name + ", population=" + population + "]";

}

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**package** com.velocity.dao;

//database

**import** java.util.List;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Repository;

**import** com.velocity.model.State;

@Repository

**public** **class** StateDao {

@Autowired

**private** SessionFactory sessionFactory;

**public** **void** setSessionFactory(SessionFactory sessionFactory) {

**this**.sessionFactory = sessionFactory;

}

**public** List<State> getAllStates() {

Session session=sessionFactory.getCurrentSession();

List<State> stateList=session.createQuery("from states").list();

**return** stateList;

}

**public** State getState(**int** id) {

Session session=sessionFactory.getCurrentSession();

State state=(State) session.get(State.**class**, **new** Integer(id));

**return** state;

}

**public** State addState(State state) {

Session session=sessionFactory.getCurrentSession();

session.persist(state);

**return** state;

}

**public** **void** updateState(State state) {

Session session=sessionFactory.getCurrentSession();

session.update(state);

}

**public** **void** deleteState(**int** id) {

Session session=sessionFactory.getCurrentSession();

State state=(State) session.load(State.**class**, **new** Integer(id));

**if**(state!=**null**) {

session.delete(state);

}

}

}}

**package** com.velocity.service;

**import** java.util.List;

**import** javax.transaction.Transactional;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Service;

**import** com.velocity.dao.StateDao;

**import** com.velocity.model.State;

@Service("stateService")

**public** **class** StateService {

@Autowired

StateDao stateDao;

@Transactional

**public** List<State> getAllStates() {

**return** stateDao.getAllStates();

}

@Transactional

**public** State getState(**int** id) {

**return** stateDao.getState(id);

}

@Transactional

**public** **void** addState(State state) {

stateDao.addState(state);

}

@Transactional

**public** **void** updateState(State state) {

stateDao.updateState(state);

}

@Transactional

**public** **void** deleteState(**int** id) {

stateDao.deleteState(id);

}

}

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<hibernate.version>4.3.5.Final</hibernate.version>

<org.aspectj-version>1.7.4</org.aspectj-version>

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