

```
package com.java.hib.dao;
```

```
import java.util.List;
```

```
import org.hibernate.Query;
```

```
import org.hibernate.Session;
```

```
import org.hibernate.SessionFactory;
```

```
import org.hibernate.Transaction;
```

```
import com.java.hib.model.Agent;
```

```
import com.java.hib.util.SessionHelper;
```

```
public class AgentDaoImpl implements AgentDao {
```

```
    SessionFactory sf;
```

```
    Session session;
```

```
    @Override
```

```
    public List<Agent> showAgent() {
```

```
        sf=SessionHelper.getConnection();
```

```
        session=sf.openSession();
```

```
        Query query=session.createQuery("from Agent");
```

```
        List<Agent> agentList=query.list();
```

```
        return agentList;
```

```
    }
```

```
    @Override
```

```
    public Agent searchAgent(int agentId) {
```

```
        // TODO Auto-generated method stub
```

```

        sf=SessionHelper.getConnection();
        session=sf.openSession();
        Query query=session.createQuery("from Agent where
agentId="+agentId);
        Agent agent=(Agent)query.uniqueResult();

        return agent;
    }

```

@Override

```

public String addAgent(Agent agent) {
    sf=SessionHelper.getConnection();
    session=sf.openSession();
    Transaction trans=session.beginTransaction();
    session.save(agent);
    trans.commit();
    return "Agent record inserted";
}

```

@Override

```

public String updateAgent(Agent agent) {
    sf=SessionHelper.getConnection();
    session=sf.openSession();
    Transaction trans=session.beginTransaction();
    session.saveOrUpdate(agent);
    trans.commit();
    return "Agent record Updated";
}

```

@Override

```
public String deleteAgent(int agentId) {  
  
    sf = SessionHelper.getConnection();  
    session = sf.openSession();  
  
    Agent agent = (Agent) session.get(Agent.class, agentId);  
  
    if (agent == null) {  
        session.close();  
        return "Agent not found";  
    }  
  
    Transaction trans = session.beginTransaction();  
    session.delete(agent);  
    trans.commit();  
  
    session.close();  
    return "Agent Record is deleted";  
}  
  
}
```