Hibernate Inheritance Hierarchy Mapping:

1. Table per class hierarchy
2. Table per subclass
3. Table per concrete class

**1. Table per class hierarchy**

|  |
| --- |
| EMPLOYEE\_DETAILS  <<Table>> |
| empno  name  type  hourly\_rate  max\_hours\_per\_day  annual\_salary |

|  |
| --- |
| Employee |
| empno: int  name: String |

|  |
| --- |
| Salaried Employee |
| annual\_salary: double |

|  |
| --- |
| Hourly Employee |
| hourly\_rate: double  max\_hours\_per\_day: int |

Discriminator

**2. Table per subclass**

|  |
| --- |
| <<Table>>  EMPLOYEE\_DETAILS |
| empno<<PK>>  name |

|  |
| --- |
| Employee |
| empno: int  name: String |

|  |
| --- |
| Salaried Employee |
| annual\_salary: double |

|  |
| --- |
| Hourly Employee |
| hourly\_rate: double  max\_hours\_per\_day: int |

|  |
| --- |
| EMPLOYEE\_DETAILS  <<Table>> |
| empno<<PK>><<FK>>  hourly\_rate  max\_hours\_per\_day |

|  |
| --- |
| <<Table>>  SALARIED\_EMPLOYEE |
| empno<<PK>><<FK>>  annual\_salary |

**3. Table per concrete class**

|  |
| --- |
| <<Table>>  SALARIED\_EMPLOYEE |
| empno<<PK>>  name  annual\_salary |

|  |
| --- |
| <<Table>>  EMPLOYEE\_DETAILS |
| empno<<PK>>  name  hourly\_rate  max\_hours\_per\_day |

|  |
| --- |
| Employee |
| empno: int  name: String |

|  |
| --- |
| Salaried Employee |
| annual\_salary: double |

|  |
| --- |
| Hourly Employee |
| hourly\_rate: double  max\_hours\_per\_day: int |