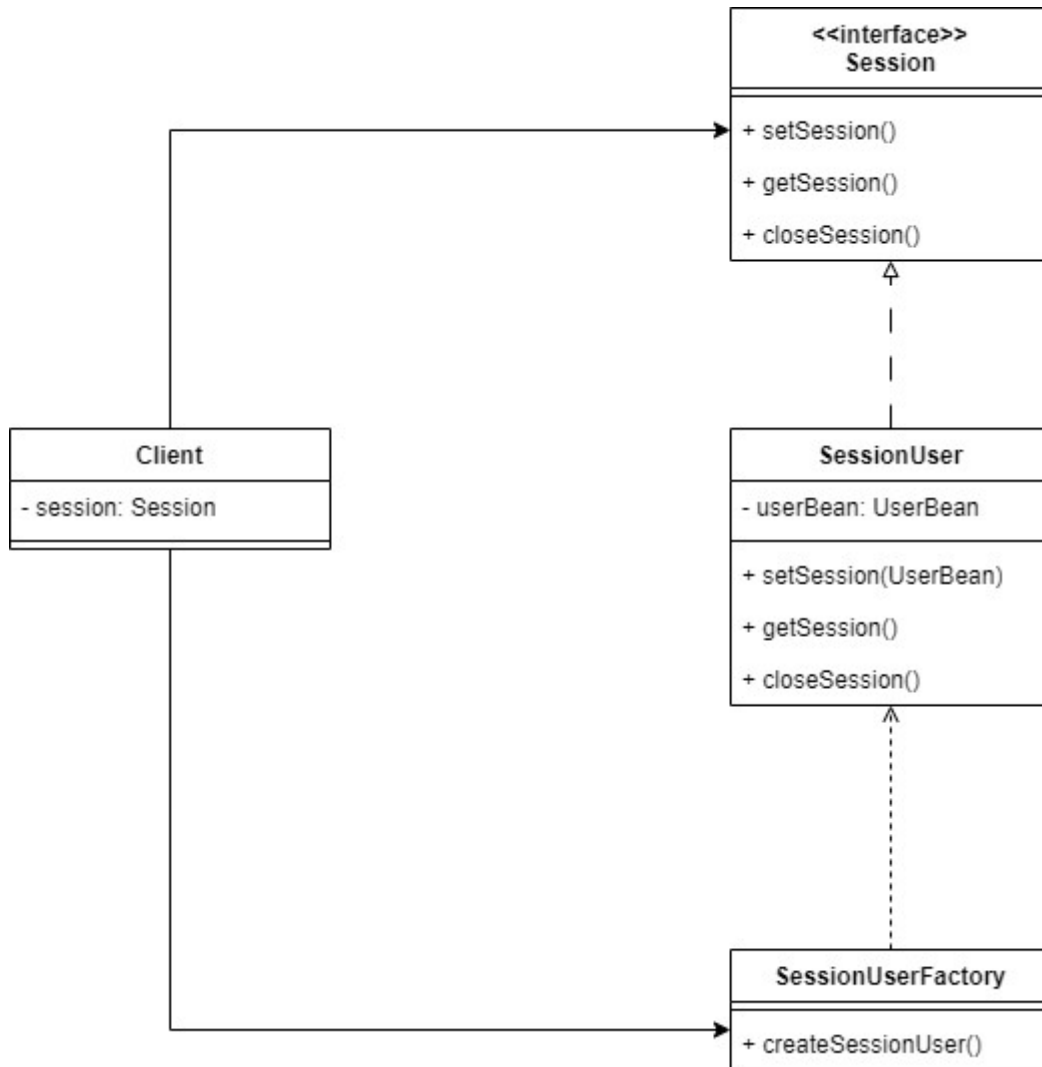


Factory Method, EasyCharge – Marchi Miriana

Struttura



Codice Java

```
public class Client {  
  
    private Session session;  
  
    public Client() {  
        SessionUserFactory factory = new SessionUserFactory();  
  
        try{
```

```

        this.session = factory.createSessionUser();
    }
    catch (Exception e) {
        e.printStackTrace();
    }
}
}

```

```

public interface Session{

    public void setSession(UserBean ub);

    public UserBean getSession();

    public void closeSession();
}

```

```

public class SessionUser implements Session{

    private static UserBean userSession;

    public SessionUser() {
        //constructor
    }

    @Override
    public void setSession(UserBean userSession) {
        if (this.userSession == null) {
            this.userSession = userSession;
        }
    }
}

```

@Override

```
public void UserBean getSession() {  
    return userSession;  
}
```

@Override

```
public void closeSession() {  
    userSession = null;  
}  
}
```

```
public class SessionUserFactory {
```

```
    public SessionUser createSessionUser() {  
        return new SessionUser();  
    }  
}
```

```
public static void main (String args[]){
```

```
    Client c = new Client();
```

```
    UserBean ub= new UserBean();
```

```
    System.out.println("Getting session");
```

```
    c.session.getSession();
```

```
    System.out.println("Setting session");
```

```
    c.session.setSession(ub);
```

```
    }
```

```
}
```