4-8 封装检测当天是否可以签到（业务层）

在 `com.example.emos.wx.service` 包中，创建 `CheckinService` 接口

```
1. public interface CheckinService {
2.     public String validCanCheckIn(int userId, String date);
3. }
```

在 `com.example.emos.wx.service.impl` 包中，创建 `CheckinServiceImpl` 实现类

```java
1.  @Service
2.  @Scope("prototype")
3.  @Slf4j
4.  public class CheckinServiceImpl implements CheckinService {
5.      @Autowired
6.      private SystemConstants systemConstants;
7.      @Autowired
8.      private TbHolidaysDao holidaysDao;
9.      @Autowired
10.     private TbWorkdayDao workdayDao;
11.     @Autowired
12.     private TbCheckinDao checkinDao;
13.     @Override
14.     public String validCanCheckIn(int userId, String date) {
15.         boolean bool_1 = holidaysDao.searchTodayIsHolidays() != null ? true : false;
16.         boolean bool_2 = workdayDao.searchTodayIsWorkday() != null ? true : false;
17.         String type = "工作日";
18.         if (DateUtil.date().isWeekend()) {
19.             type = "节假日";
20.         }
21.         if (bool_1) {
22.             type = "节假日";
23.         } else if (bool_2) {
24.             type = "工作日";
25.         }
26.         if (type.equals("节假日")) {
27.             return "节假日不需要考勤";
28.         } else {
29.             DateTime now = DateUtil.date();
30.             String start = DateUtil.today() + " " + systemConstants.attendanceStartTime;
31.             String end = DateUtil.today() + " " + systemConstants.attendanceEndTime;
32.             DateTime attendanceStart = DateUtil.parse(start);
33.             DateTime attendanceEnd = DateUtil.parse(end);
34.             if (now.isBefore(attendanceStart)) {
35.                 return "没有到上班考勤开始时间";
36.             } else if (now.isAfter(attendanceEnd)) {
37.                 return "超过了上班考勤结束时间";
38.             } else {
39.                 HashMap map = new HashMap();
40.                 map.put("userId", userId);
41.                 map.put("date", date);
42.                 map.put("start", start);
43.                 map.put("end", end);
44.                 boolean bool = checkinDao.haveCheckin(map) != null ? true : false;
45.                 return bool ? "今日已经考勤，不用重复考勤" : "可以考勤";
46.             }
47.         }
48.     }
49. }
```