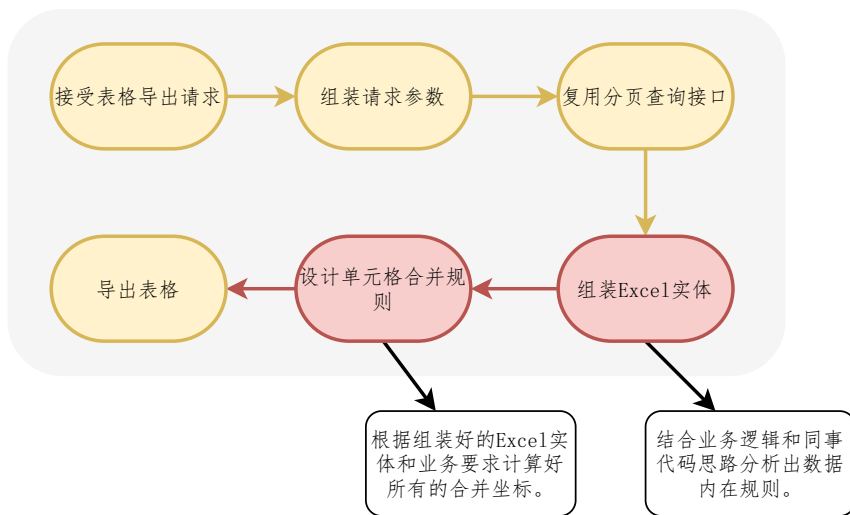


# 设计文档

UAC-17937-运营平台增值服务查询中增加导出表格功能

## 流程图



## 数据库

数据库无需变动

## 代码

### 附件下载设置统一的请求头

```
httpServletResponse.setContentType("application/octet-stream");
httpServletResponse.setHeader("Content-Disposition",
                                "attachment;filename=" + URLUtil.encode(StrUtil.format("增值服务订单
导出_{}.xlsx", DateUtil.now()), StandardCharsets.UTF_8));
```

### 组装Excel实体

```
private List<AvsPaidOrderExcel> assemblePaidOrderExcel(List<AvsPaidOrderVo> vos) {
    List<AvsPaidOrderExcel> excels = new ArrayList<>();
    int num = 1;
```

```

        for (AvsPaidOrderVo vo : vos) {
            for (AvsOrderEffectInfoVo attachEffectInfo : vo.getAttachEffectInfos()) {
                AvsPaidOrderExcel excel = new AvsPaidOrderExcel();
                excel.setNum(Integer.toString(num));
                excel.setBuyerMobile(vo.getBuyerInfo().getBuyerMobile());
                excel.setBuyerName(vo.getBuyerInfo().getBuyerName());

                excel.setJoinCompany(Optional.ofNullable(vo.getBuyerInfo().getJoinCompanyInfos()).orElse(new ArrayList<>())
                    .stream()
                        .map(JoinCompanyInfoVo::getCompanyName)
                        .collect(Collectors.joining(", ")));
                excel.setEffectName(vo.getEffectInfo().getProductName());
                excel.setAmount(vo.getPayInfo().getAmount());
                excel.setPaidAmount(vo.getPayInfo().getPaidAmount());
                excel.setEffectiveDate(vo.getEffectInfo().getEffectiveDate());
                excel.setEffectiveTime(vo.getEffectInfo().getEffectiveTime());

                SimpleDateFormat sdf = new SimpleDateFormat(DatePattern.NORM_DATETIME_PATTERN);
                excel.setPayTime(sdf.format(vo.getPayInfo().getPayTime()));

                excel.setAttachEffectName(attachEffectInfo.getProductName());
                if (ObjUtil.equals(attachEffectInfo.getProductEffectType(), 1)) {
                    excel.setEffectTotalValue(attachEffectInfo.getEffectiveDate());
                    excel.setEffectRemindValue(attachEffectInfo.getEffectiveTime());
                }
                if (ObjUtil.equals(attachEffectInfo.getProductEffectType(), 2)) {
                    excel.setEffectTotalValue((long) attachEffectInfo.getNumber());
                    excel.setEffectRemindValue((long) attachEffectInfo.getRemain());
                }
                excels.add(excel);
            }
            num++;
        }
        return excels;
    }
}

```

## 合并单元格的逻辑

```

public AvsOrderExportMergeStrategy(List<AvsPaidOrderVo> vos) {
    List<CellRangeAddress> addressList = new ArrayList<>();
    int preLastRow = 1;
    for (AvsPaidOrderVo vo : vos) {
        int mergeSize = vo.getAttachEffectInfos().size();
        for (int i = 0; i < 10; i++) {
            CellRangeAddress address = new CellRangeAddress(preLastRow, preLastRow + mergeSize - 1,
                i, i);
            addressList.add(address);
        }
        preLastRow += mergeSize;
    }

    this.addressList = addressList;
}

```