

```
/signIn
POST
reqBody
{
    Username: string,
    Password: string
}
resBody
HTTP STATUS: 200, 400
{
    Status: string
}
```

```
/signUp
POST
reqBody
{
    fullName: string,
    Email: string,
    Password: string,
    phoneNumber: string
}
resBody
HTTP STATUS: 200, 400
{}
```

```
/balanceSummary
POST
reqBody
{
    Username: string,
}
resBody
{
    totalBalance: Number,
    microFinance: Number,
    peerShare: Number
}
```

BusinessLogic

totalNumber: totalDeposit + microFinancePotentailLending + peerSharePotentailLending
microFinancePotentialLending: get all peerSharingDetail by userId then sumup potential amount
peerSharePotentailLending: get all microFinanceDetail by userId then sumup potential amount

/addMoney

POST

```
{
    Username: string,
    Amount: Number
}
200, 400
{}
```

/withdrawn

POST

```
{
    Username: string,
    Amount: Number
}
200, 400
{}
```

/peerShareSummary?username={username}

GET

resBody

```
{
    peerShareTotal: Number,
    currentDE: string,
    creditScore: string
}
```

/getAllpeerShareDetail?username={username}

GET

resBody

```
{
    peerShareList: peerShareDetail[]
}
peerShareDetail: {
    member: Number,
    payment: Number,
    credit: string,
    joinable: boolean
}
```

Member, payment, credit : query from db

Joinable: query user credit then check with peerShareDetail credit

Front
Button addMoney /addMoney-->

Front
Button addMoney /addMoney-->

Back
username, amount

Back
username, amount

Thrid-party API
 —→ omise/opn
 OK/NOT OK←—

Thrid-party API
 —→ omise/opn
 OK/NOT OK←—

Thrid-party API
 —→ omise/opn
 OK/NOT OK←—