Split cost feature - class diagramm

Widget
build()

StatefulWidget<abstact>
createState():State

State
State():State
build(context: BuildContext):Widget
dispose():void
initState():void

has
1

_PersonSplitListTileState
build(context: BuildContext):Widget
dispose():void
splitParticipantCallback(splitParticipant: SplitParticipant):void
initState():void

StatelessWidget<abstact>
build(context: BuildContext):Widget

FomBody
build(context: BuildContext):Widget

PersonSplitListTile
createState():State

FormHeader
expanded: bool
onExpand: void Function()
createState():State

ExpensesSplitForm
createState():State

_ExpensesSplitFormState
expanded: bool
build(context: BuildContext):Widget
toggleExpansion():void

_FormHeaderState
expanded: bool
build(context: BuildContext):Widget
dispose():void
splitParticipantsChangeCallback():void
initState():void

splitParticipant   1

splitManager   1

SplitParticipant
_isBorrower: bool
_amountShare: double
callbacks: List<void Function(SplitParticipant)>

SplitParticipant(splitManager: SplitManager, person: Person, isBorrower: bool, amountShare: double, isFunder: bool): SplitParticipant
registerCallback(callback: void Function(SplitParticipant)):void
removeCallback(callback: void Function(SplitParticipant)):void
_executeCallbackFunctions(): void
setAmountShare(value: double): void
setAsBorrower(value: bool?): void
selectAsFunder(): void
getIsFunder(): bool
getAmountShare():double
getIsBorrower():bool
getSplitManager(): SplitManager
getPerson():Person

SplitManager
amount:double
splitParticipantsChangeCallbacks: List<void Function()>

SplitManager(splitsBetweenPersons: List<Person>, indexOfFunder: int) :SplitManager
selectFunder(newFunder:SplitParticipant):void
borrowerUpdate(splitParticipant: SplitParticipant): void
registerSplitParticipantsChangeCallback(callback: void Function()): void
removeSplitParticipantsChangeCallback(callback: void Function()): void
refreshAmountShareOnParticipants(): void
_executeSplitParticipantsChangeCallbacks(): void
getBorrowers(): List<SplitParticipant>
setAmount(amount: double): void

splitParticipants   splitManager
1..n   1

1   _person

Person
name: String
id: String
Person(name: String): Person