Architecture and Design Diagram

HikerInfo

string: HikerName
Int: HikerSpeed
int:TimeToCrossOnce

1..*

BridgeAndHikerInfo

BridgeInfo: aBridge
vector<HikerInfo>: ListOfHikers
int: MinTimeToCrossThisBridge

1

BridgeInfo

int: BridgeId
int: BridgeLength

1..*

Solution

vector<BridgeAndHikerInfo>: BridgeAndHikersList