BUVF J

Russers = { vid, uname, upassword, upicurl, ucash}

Eusers = {{ uid} > { uname, upassword, uprount, uash}}

BONE V

Rprojects = { pid, pturget, psturtdate, polaration, pdesc, kewords, status, ppround, vid}

Zprojects = { { pid} > { pturget, psturtdatu, pdurution pdesc, kewords, stutus, pprcurt, vid} }

BOUF J

Rdances = { vsers, dtime, dant, pid}

Zdances = { (vser, dtime, pid} -> { dant}}

uid is the username for the users, eg. Danniel1997 (unique) uname is the name of the user, eg. Danniel Tan

upicurl, ppicurl are urls that leads to a picture, this allows users to "upload" their profile pic

status is used to keep track of the status of the project, it takes in two value: {ongoing, funded} ongoing:

all the donations in the projects are not transferred to the project owner yet user can still donate if the project is not due yet

user cannot donate if project is overdue even if it is ongoing (bug lol)

funded:

once the target is met or project is due, the owner must manually click confirm on the ongoing project to turn its status to funded, then all the money in the project will go to the owner's account

The status attribute is used so that:

When a project is deleted, the money can be refunded back to the donors if it is still ongoing When a user is deleted, all his donation can be refunded, and all his ongoing projects can be refunded to their donors as well, so all money is accounted for

