Our database will be composed of User models with submodels including Skill model and Transaction model.

User = {

“id”: Int,

“name”: String,

“username”: String,

“password”: String,

“rating”: Float,

“skills”: [ Skill models ],

“transactions”: [ Transaction models ]

}

Skill = {

“id”: Int,

“skill\_name”: String,

“difficulty”: Int (range of 0-10),

“estimate\_payrate”: Float/Double/Decimal,

“user\_id”: Int

}

Transaction = {

“id”: Int,

“sender\_id”: Int,

“receiver\_id”: Int,

“amount”: Float/Double/Decimal

}