**Bilkent University**

Department of Computer Engineering

**CS 353 Project**

*Name TBD*

Group Members

* Cheol Woo Park
* Mustafa Hakimuddin Motani
* Sarjeel Yusuf
* Waqas Rehmani

**Analysis**

**Components**

* Database
* GUI

**Entities**

* User
* Games
* Group

*Decomposition of Entities*

User

1. ID
2. Name
3. Password
4. Crendentials
   1. Real Name
   2. Credit Card Info
      1. Credit Card Number
      2. Credit Card Owner Name
   3. Billing Address
5. Country
6. {Game->ID}
7. {User->ID}
8. {Group->ID}
9. Game->ID (Debatable)

Game

1. ID
2. Name
3. {Genre}
4. {Type}
5. Price
6. {Reviews}[[1]](#footnote-1)
   1. Rating
   2. Content
   3. User->ID
7. Average Rating()
8. Developer
9. {Achievements}

1. This could be a relation instead, but it’s here for now. [↑](#footnote-ref-1)