

Logical database design

1. User (user-id, username, firstname, lastname , email, password)
 - a. PK = {user-id}
2. Friendship (person-id, friend-id)
 - a. PK = {person-id, friend-id}
 - b. FK
 - i. person-id <> User
 - ii. friend-id <> User
3. GameReview (reviewed-game-id, review-id, uploader-id, rating, review-text)
 - a. PK = {review-id, reviewed-game-id}
 - b. FK
 - i. reviewed-game-id <> Game
 - ii. uploader-id <> User
4. Game (game-id, game-name, price)
 - a. PK = {game-id}
5. Platform (platform-id, platform-name, manufacturer)
 - a. PK = {platform-id}
6. Genre (genre-id, genre-name, popularity)
 - a. PK = {genre-id}

7. GameGenre (game-id, genre-id)

- a. PK = {game-id, genre-id}
- b. FK
 - i. game-id <> Game
 - ii. genre-id <> Genre

8. GamePlatform (game-id, platform-id)

- a. PK = {game-id, platform-id}
- b. FK
 - i. game-id <> Game
 - ii. platform-id <> Platform

9. Order (order-id, shipping-method, *purchaser-id*, order-date)

- a. PK = {order-id}
- b. FK
 - i. purchaser-id <> User

10. OrderGame (order-id, game-id, quantity)

- a. PK = {order-id, game-id}
- b. FK
 - i. order-id <> Order
 - ii. game-id <> Game