

System Design

Team-4

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CRC Cards

Class name: User

Responsibilities:

- Knows its username and password
- Has a list of friends, who are other users
- Modifies their list of friends
- Has a list of blocked users, a list of favourite games, and a list of posts
- Modifies their list of blocked users, a list of favourite games, and a list of posts
- Has its own saved settings and is able to modify it

Class name: Game

Responsibilities:

- Knows its reviews, comments

Class name: Post

Classname Subclasses: Media, Comment, Review

Responsibilities:

- Has poster user, game, text, modify date, and likes count
- Modifies content, modify date, and likes count

Collaborators:

- Users
- Games

Class name: Media

Parent class: Post

Responsibilities:

- Has media content and a child post (comments)
- Modifies media content and a child post

Class name: Comment

Parent class: Post

Responsibilities:

- Has a parent post (media or comment)

Collaborators:

- Users
- Games
- Media

Class name: Review

Parent class: Post

Responsibilities:

- Has a rating
- Modifies rating

Collaborators:

- Users
- Games

Class name: Game Queue

Responsibilities:

- Knows its users in the queue
- Knows its game
- Matches users together for gameplay

Collaborators:

- Users
- Game

Software Architecture Diagram

[4 marks: The Architecture Diagram is present, it is formatted using proper graphic symbols, and it follows a known Architecture diagram.

If the system architecture does not follow the MVC (studied in class), a web link or reference has been provided to support the used architecture]

