

User
<ul style="list-style-type: none"> - userName: String - memesCreated: ArrayList - memesViewed: ArrayList
<ul style="list-style-type: none"> +rateMeme (accepts a Meme and an int (rating)) + createMeme (accepts a BackgroundImage and a String (caption), returns a Meme) + deleteMeme (accepts a Meme, returns a boolean) + shareMeme (accepts a Meme and a Feed) + rateNextMemeFromFeed (accepts a Feed and an int (ratingScore)) + calculateReputation (returns a double, by default use 0.0) + toString (returns a String) + equals (accepts an Object, returns a boolean)

Rating
<ul style="list-style-type: none"> - score: int - user: User
<ul style="list-style-type: none"> + toString (returns a String) + equals (accepts an Object, returns a boolean)

Feed
<ul style="list-style-type: none"> - memes: ArrayList
<ul style="list-style-type: none"> + getNewMeme (accepts a User, returns a Meme) + toString (returns a String)

BackgroundImage
<ul style="list-style-type: none"> - imageFileName: String - title: String - description: String
<ul style="list-style-type: none"> + toString (returns a String) + equals (accepts an Object, returns a boolean)

Meme
<ul style="list-style-type: none"> - creator: User - backgroundImage: BackgroundImage - ratings: Rating[] - caption: String - captionVerticalAlign: String - shared: boolean
<ul style="list-style-type: none"> + addRating (accepts a Rating, returns a boolean) + calculateOverallRating (returns a double) + toString (returns a String) + equals (accepts an Object, returns a boolean)