

Class (User)

+userName : String
+memesCreated : ArrayList<Meme>
+memesViewed : ArrayList<Meme>
+rateMeme(meme : Meme, rating : int)
+createMeme(backgroundImage : BackgroundImage, caption : String) : Meme
+deleteMeme(meme : Meme) : boolean
+shareMeme(meme : Meme, feed : Feed)
+rateNextMemeFromFeed(feed : Feed, ratingScore : int)
+calculateReputation() : double
+toString() : String
+equals(obj : Object) : boolean

Class (BackgroundImage)

+imageFileName : String
+title : String
+description : String

+toString() : String
+equals(obj : Object) : boolean

Class (Meme)

+creator : User
+backgroundImage : BackgroundImage
+ratings : Rating[]
+caption: String
+captionVerticalAlign : String
+shared : boolean

+addRating(rating: Rating) : boolean
+calculateOverallRating() : double
+toString() : String
+equals(obj : Object) : boolean

Class (Rating)

+score : int
+user : User

+score : int
+user : User

+toString() : String
+equals(obj : Object) : boolean

+toString() : String
+equals(obj : Object) : boolean

Class(Feed)

+memes : ArrayList<Meme>

+getNewMeme(user : User) : Meme

+toString() : String
