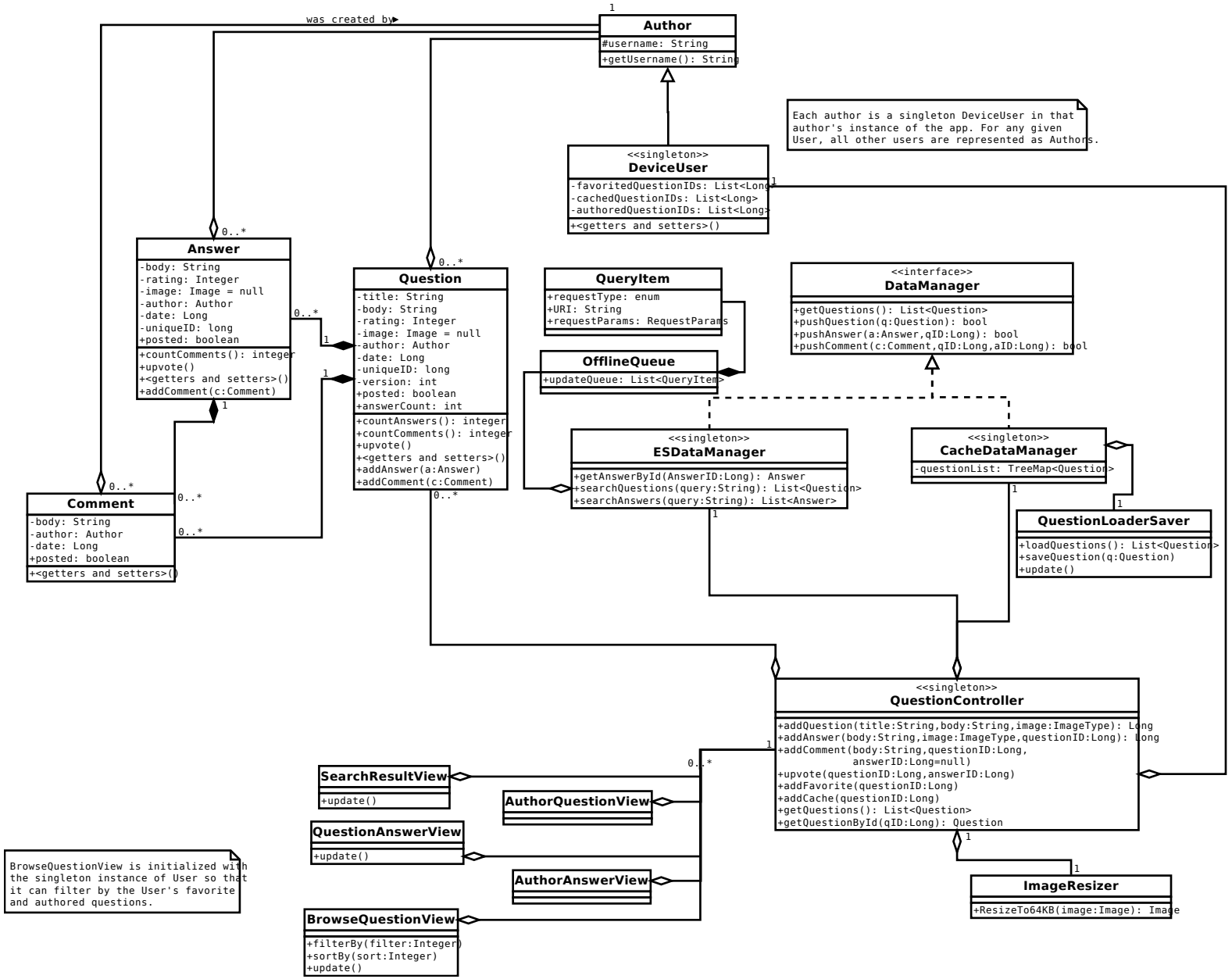
was created by
1
Author
#username: String
+getUsername(): String
Each author is a singleton DeviceUser in that author's instance of the app. For any given User, all other users are represented as Authors.
<<singleton>>
DeviceUser
-favoritedQuestionIDs: List<Long>
-cachedQuestionIDs: List<Long>
-authoredQuestionIDs: List<Long>
+<getters and setters>()
0..*
Answer
-body: String
-rating: Integer
-image: Image = null
-author: Author
-date: Long
-uniqueID: long
+posted: boolean
+countComments(): integer
+upvote()
+<getters and setters>()
+addComment(c:Comment)
Question
-title: String
-body: String
-rating: Integer
-image: Image = null
-author: Author
-date: Long
-uniqueID: long
-version: int
+posted: boolean
+answerCount: int
+countAnswers(): integer
+countComments(): integer
+upvote()
+<getters and setters>()
+addAnswer(a:Answer)
+addComment(c:Comment)
QueryItem
+requestType: enum
+URI: String
+requestParams: RequestParams
OfflineQueue
+updateQueue: List<QueryItem>
<<interface>>
DataManager
+getQuestions(): List<Question>
+pushQuestion(q:Question): bool
+pushAnswer(a:Answer,qID:Long): bool
+pushComment(c:Comment,qID:Long,aID:Long): bool
<<singleton>>
ESDataManager
+getAnswerById(AnswerID:Long): Answer
+searchQuestions(query:String): List<Question>
+searchAnswers(query:String): List<Answer>
<<singleton>>
CacheDataManager
-questionList: TreeMap<Question>
QuestionLoaderSaver
+loadQuestions(): List<Question>
+saveQuestion(q:Question)
+update()
Comment
-body: String
-author: Author
-date: Long
+posted: boolean
+<getters and setters>()
<<singleton>>
QuestionController
+addQuestion(title:String,body:String,image:ImageType): Long
+addAnswer(body:String,image:ImageType,questionID:Long): Long
+addComment(body:String,questionID:Long,
answerID:Long=null)
+upvote(questionID:Long,answerID:Long)
+addFavorite(questionID:Long)
+addCache(questionID:Long)
+getQuestions(): List<Question>
+getQuestionById(qID:Long): Question
SearchResultView
+update()
AuthorQuestionView
QuestionAnswerView
+update()
AuthorAnswerView
BrowseQuestionView
+filterBy(filter:Integer)
+sortBy(sort:Integer)
+update()
ImageResizer
+ResizeTo64KB(image:Image): Image
BrowseQuestionView is initialized with the singleton instance of User so that it can filter by the User's favorite and authored questions.