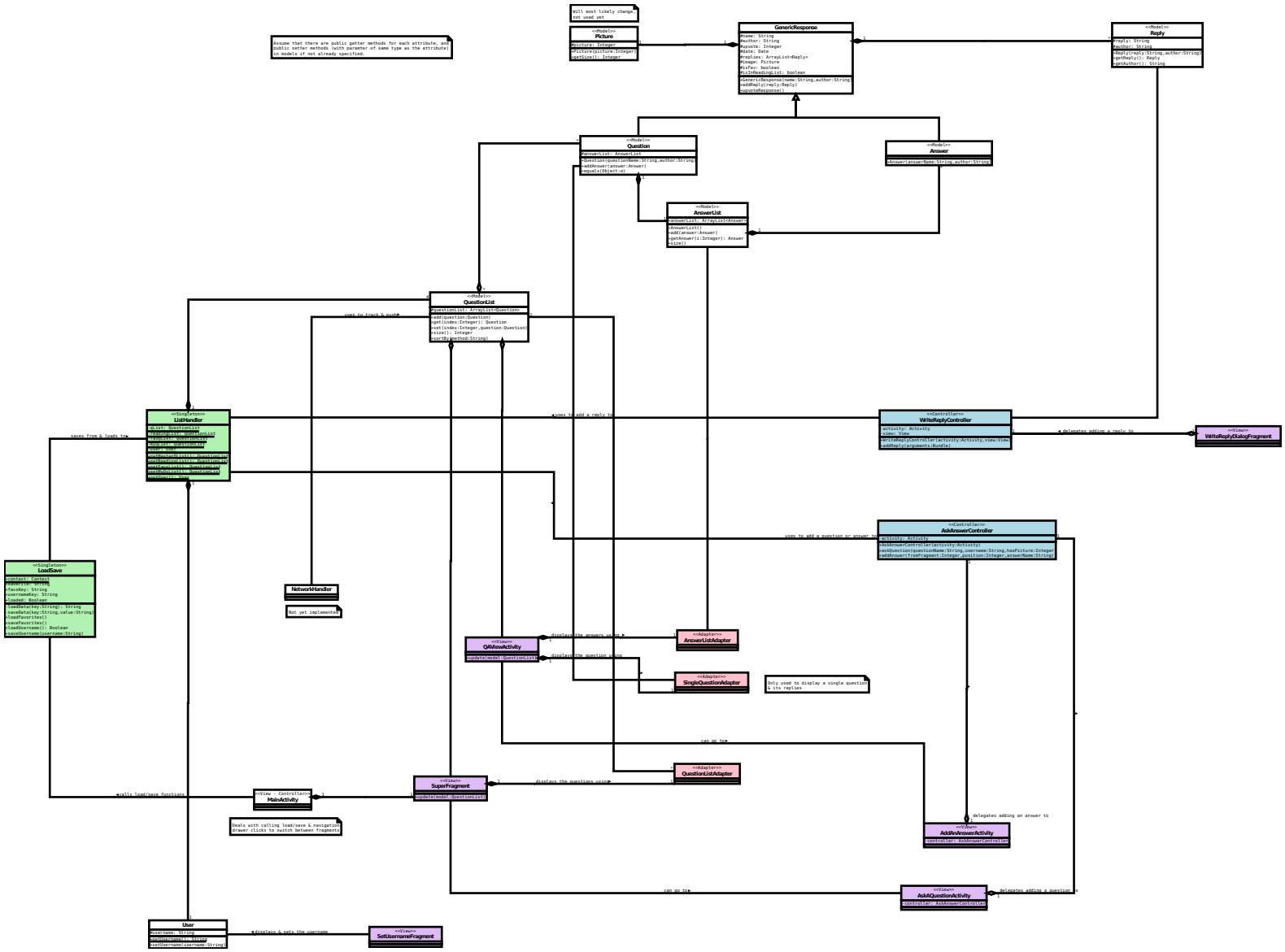
Will most likely change, not used yet
<<Model>>
Picture
-Picture: Integer
+Picture(picture:Integer)
+getPicture(): Integer
GenericResponse
+name: String
+author: String
+upvote: Integer
+date: Date
+replies: ArrayList<Reply>
+image: Picture
+isFav: boolean
+isInReadingList: boolean
+GenericResponse(name:String,author:String)
+addReply(reply:Reply)
+upvoteResponse()
<<Model>>
Reply
-reply: String
-author: String
+Reply(reply:String,author:String)
+getReply(): Reply
+getAuthor(): String
Assume that there are public getter methods for each attribute, and public setter methods (with parameter of same type as the attribute) in models if not already specified.
<<Model>>
Question
+answerList: AnswerList
+Question(questionName:String,author:String)
+addAnswer(answer:Answer)
+equals(Object:o)
<<Model>>
Answer
+Answer(answerName:String,author:String)
<<Model>>
AnswerList
-answerList: ArrayList<Answer>
+AnswerList()
+add(answer:Answer)
+getAnswer(i:Integer): Answer
+size()
<<Model>>
QuestionList
-questionList: ArrayList<Question>
+add(question:Question)
+get(index:Integer): Question
+set(index:Integer,question:Question)
+size()
+sortBy(method:String)
uses to track & sort
<<Singleton>>
ListHandler
-dist: QuestionList
-myQuestionsUsersHaveAsked: QuestionList
-myFavs: QuestionList
-myRecentQuestions: QuestionList
-myRecentAnswers: AnswerList
-myRecentReplies: ReplyList
-myRecentUsers: UserList
-myUsers: UserList
+setMyRecentQuestionsAsk(q:Question)
+getMyRecentQuestionsAsk()
+setMyRecentAnswers(a:Answer)
+getMyRecentAnswers()
+setMyRecentReplies(r:Reply)
+getMyRecentReplies()
+setMyUsers(u:User)
+getMyUsers()
saves from & loads to
uses to add a reply to
<<Controller>>
WriteReplyController
-activity: Activity
-view: View
+WriteReplyController(activity:Activity,view:View)
+addReply(arguments:Bundle)
delegates adding a reply to
<<View>>
WriteReplyDialogFragment
uses to add a question or answer to
<<Controller>>
AskAnswerController
-activity: Activity
+AskAnswerController(activity:Activity)
+askQuestion(questionName:String,username:String,hasPicture:Integer)
+addAnswer(fromFragment:Integer,position:Integer,answerName:String)
<<Singleton>>
LoadSave
-context: Context
-myFile: File
+saveKey: String
+usernameKey: String
+loaded: Boolean
+loadData(key:String): String
+saveData(key:String,value:String)
+loadFavorites()
+saveFavorites()
+loadUsernames(): Boolean
+saveUsernames(username:String)
NetworkHandler
Not yet implemented
<<View>>
QAMainActivity
+update(model:QuestionList)
displays the answers using
displays the questions using
<<Adapter>>
AnswerListAdapter
<<Adapter>>
SingleQuestionAdapter
Only used to display a single question & its replies
can go to
<<Adapters>>
QuestionListAdapter
displays the questions using
calls load/save functions
<<View> - Controller>>
MainActivity
Deals with calling load/save & navigation drawer clicks to switch between fragments
<<View>>
SuperFragment
+onUpdate(model:QuestionList)
delegates adding an answer to
<<View>>
AddNewAnswerActivity
-controller: AskAnswerController
can go to
<<View>>
AskQuestionActivity
-controller: AskAnswerController
delegates adding a question to
User
-username: String
-getUsername() : String
+setUsername(username:String)
displays & sets the username
<<View>>
SetUsernameFragment