Use Cases

### 1.

**Use Case Name:** AskQuestion

**Participating Actors:** Author, Sysadmin

**Goal:** Author adds a question to the list.

**Trigger:** Author clicks the AskAQuestion button

**Preconditions:** Author knows the question they want to ask & (optional) the photo they want to attach.

**Postconditions:** On success, the question is added & success message appears.

**Basic Flow:** 1. System prompts Author to enter a question & optionally add a photo.  
 2. Author submits his/her question & (optional) attaches a photo.  
 3. Sysadmin verifies that the photo is not larger than 64kb if photo is attached.  
 3. User clicks Ask.  
 3. System returns to the previous/home screen with the recently added question at the top of the list.

**Exceptions:** 3. Photo is larger than 64kb.

**User Stories:** 4, 7, 8

Additional  
**Qualities:**

**Constraints:**

**Includes:**

**Extends:**

**Related Artifacts:**

**Notes:**User Story 4 (As an author, I want to make questions)User Story 7 (As an author, I want to attach a picture to my questions or my answers)  
User Story 8 (As a sysadmin, I do not want the pictures to be large (>64kb))User Story 16 (As an author, I want my device to remember which questions I asked)

**Open Issues:**

### 2.

**Use Case Name:** AddAnswer

**Participating Actors:** Author, Sysadmin

**Goal:** Author adds an answer to a question.

**Trigger:** Author clicks the AddAnAnswer button.

**Preconditions:** Author knows the answer they want to submit and (optional) the photo they want to attach.

**Postconditions:** On success, the answer is added to the question & a success message appears.

**Basic Flow:** 1. System prompts Author to enter an answer & optionally add a photo.  
 2. Author submits his/her answer & (optional) attaches a photo.  
 3. Sysadmin verifies that the photo is not larger than 64kb if photo is attached.  
 3. User clicks Answer.  
 3. System returns to the previous/Q&A screen with the recently added answer at the top of the list of answers.

**Exceptions:** 3. Photo is larger than 64kb.

**User Stories:** 5, 7, 8

Additional  
**Qualities:**

**Constraints:**

**Includes:**

**Extends:**

**Related Artifacts:**

**Notes:**User Story 5 (As an author, I want to answer questions by making an answer)  
User Story 7 (As an author, I want to attach a picture to my questions or my answers)  
User Story 8 (As a sysadmin, I do not want the pictures to be large (>64kb))

**Open Issues:**

### 3.

**Use Case Name:** ViewReplies

**Participating Actors:** User

**Goal:** View replies to a question or an answer.

**Trigger:** User long clicks on a question or answer.

**Preconditions:** User knows which question or answer they want to view the replies to.

**Postconditions:** System displays the list of replies to the question/answer that the user long clicked on.

**Basic Flow:** 1. System displays the list of replies to the corresponding question/answer indicated.

**Exceptions:** 1. If no replies, display “No Replies” message.

**User Stories:** 3

Additional  
**Qualities:**

**Constraints:**

**Includes:**

**Extends:**

**Related Artifacts:**

**Notes:**User Story 3 (As a user, I want to view the replies to a question or answer)

**Open Issues:**

### 4.

**Use Case Name:** AddReply

**Participating Actors:** Author

**Goal:** Author adds a reply to a question or answer.

**Trigger:** Author clicks on AddReply button.

**Preconditions:** Author knows the reply/comment they want to submit and to which item they want to reply to (question or answer).

**Postconditions:** On success, the reply is added to the question or answer.

**Basic Flow:** 1. System prompts author to enter their reply.  
 2. Author submits his/her reply.  
 3. Author clicks Add.  
 4. System returns to the previous screen with the most recently added reply at the top of the list of replies for that question or answer.

**Exceptions:**

**User Stories:** 6

Additional  
**Qualities:**

**Constraints:**

**Includes:**

**Extends:** ViewReplies

**Related Artifacts:**

**Notes:**User Story 6 (As an author, I want to reply to questions and answers to clarify things)

**Open Issues:**

### 5.

**Use Case Name:** SortQBy

**Participating Actors:** User

**Goal:** Display a sorted list of questions.

**Trigger:** User clicks on SortBy menu item.

**Preconditions:** User knows how they want the questions to be sorted by (date - most recent / least recent, picture - with / without)

**Postconditions:** On success, display the sorted list of questions.

**Basic Flow:** 1. System prompts user to select method to sort by.  
 2. User selects the method they would like.  
 3. System displays the list of questions in sorted order in the method chosen.

**Exceptions:**

**User Stories:** 9, 10

Additional  
**Qualities:**

**Constraints:**

**Includes:**

**Extends:**

**Related Artifacts:**

**Notes:**User Story 9 (As a user, I want to sort questions by if they have pictures)  
User Story 10 (As a user, I want to sort questions by date or some scoring system)

**Open Issues:**