

1.)As a user, I want to sort comments by proximity to me.

Use Case Name: sortProximity

Participation actors: User

Goal: Sort comment by proximity to the user.

Trigger:

Precondition: GPS is available to the user.

PostCondition: On success, the comments are sorted by proximity

Basic Flow:

- 1) user press button for sort comments nearby by the user
 - 2) system return a list of sort comment nearby the user.
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Exceptions

Test

- 1) is the GPS on?
 - 2) Are the comments close to the user?
 - 3) can the comment be read?
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2)As a user, I want to sort comments by proximity to another location.

Use Case Name: SortProximityByLocations

Participation actors: User

Goal: Sort comment by proximity by a location chosen by the user

Trigger:

Precondition: GPS is available to the user.

PostCondition: On success, the comments are sorted by proximity of the location selected by the user

Basic Flow:

- 1) user press button for sort comments nearby the location selected by the user.
 - 2) system return a list of sort comment nearby the location selected by the user.
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Exceptions

Test

- 1) is the GPS on?
 - 2) Are the comments close to location selected?
 - 3) can the comment be read?
-

3.)As a user, I want to make new top-level comments (comments with no parents).

Use Case Name: CreateNewTopComment

Participation actors: User

Goal: Create a new Top-level comment.

Trigger: User choose option to create a new top level comment.

Precondition: User want to create a new comment (?)

PostCondition: Readers can read the new top level comment.

Basic Flow:

- 1) User press the option to create a new comment
 - 2) System display a screen with option to the user to create a new top level comment
 - 3) User fill all the attributes of the top level comments
 - 4) system update the data to display the new comment created by the user.
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Exceptions

Test

- 1) Is the comment posted?
- 2) Display the correctly the comment?
- 3) is the user name equals to the username of the poster?

4.)As a user, I want to browse top-level comments.

Use Case Name: ShowParentComments

Participation actors: User

Goal: List of Top level comments only

Trigger: User chooses option to show all the top level comments on the system

Precondition: There is at least one top level comment.

PostCondition: List of top level comment.

Basic Flow:

- 1) User press button to show all level comments
 - 2) System display a screen with all level comments in the system.
 - 3) User is able to see the all top – level comments
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Exceptions

Test

- 1) Is the top level comment shown up?
- 2) There are not reply on the list.
- 3) Is the info shown correctly?
- 4) is the picture display in the comment?
- 5)

5.) As a user, I want to browse comment replies.

Use Case Name: ShowReplyComments

Participation actors: Reader

Goal: List of all reply comments on one Top Level Comment

Trigger: Reader choose one top level comment.

Precondition: The top level should exist.

PostCondition: List of reply in one top-level comment.

Basic Flow:

- 1) User press one top level comment.
 - 2) System display a screen with all the replies in one top level comments.
 - 3) User is able to see the all the replies in the top level comment.
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Exceptions

Test

- 1) are the replies shown?
- 2) are those replies from the top level comment that the user choose?
- 3)

6.) As a user, I want to reply to comments.

Use Case Name: ReplyComment

Participation actors: User

Goal: Let the user post a reply to a comment

Trigger: User presses a button to reply

Precondition: A comment exists for it to have a reply

PostCondition: The reply is posted under the top level comment with an indent.

Basic Flow:

- 1) User presses the reply button.
 - 2) User types the text they want to reply with.
 - 3) User is able to see their replies.
-

Exceptions

Test

- 1) are the replies shown?
 - 2) are those replies from the top level comment that the user choose?
 - 3)is the reply what the user typed?
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-

7.) As a user, I want to attach a picture to my comment.

Use Case Name: attachPicture

Participation actors: User

Goal: Let the user post a picture to a comment

Trigger: User presses a button to add the picture

Precondition: A picture exists or access to a camera.

PostCondition: The picture is posted with or as a comment.

Basic Flow:

- 1) User presses the picture button.
 - 2) User takes a picture with their camera or chooses from the gallery.
 - 3) User is able to post their pictures as comments.
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Exceptions

Test

- 1) are the pictures being posted?
- 2) are they the pictures that the user took/chosen?

8.) As a user, I want to sort comments by pictures.

Use Case Name: sortByPic

Participation actors: User

Goal: Let the user sort comments by picture

Trigger: User presses a button to sort the comments by picture

Precondition: A comment has pictures to be sorted by

PostCondition: The comments are sorted by pictures.

Basic Flow:

- 1) User presses the sort by picture button.
 - 2) User chooses how to sort by pictures.
 - 3) The comments sorted by pictures.
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Exceptions

Test

- 1) are the comments sorted by pictures sorted?
 - 2) are those comments sorted correctly by how the pictures are sorted?
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-
-
-

9.) As a user, I want to sort comments by date or some scoring system.

Use Case Name: sortByDate

Participation actors: User

Goal: Let the user sort comments by date or some scoring system

Trigger: User presses a button to sort comments by date

Precondition: A comment exists for it to be sorted

PostCondition: The comments are sorted by date or scoring system.

Basic Flow:

- 1) User presses the sortByDate button.
 - 2) The comments are sorted by date or scoring system.
 - 3) User is able to see their comments sorted.
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Exceptions

Test

- 1) are the comments shown?
- 2) are those comments sorted correctly?

10.) As a user, I want comments that I read or comments that I've indicated I want to read, to be locally cached so I can read them when I'm not on the internet.

Use Case Name: localCashe

Participation actors: User

Goal: Let the user indicate comments they want to read so that they can read them later without internet access

Trigger: User presses a button to indicate the comments they want to read

Precondition: The user wants to read a comment later

PostCondition: The comment is stored in a file to be read later.

Basic Flow:

- 1) User presses the favourite button.
 - 2) The comment is saved to a file to read later.
 - 3) User is able to read the comment.
-

Exceptions

Test

- 1) File I/O working?
- 2) Comments are successfully stored?
- 3)user is able to access the comments later?

11.) As a user, I want to explicitly save some comments as favourites.

Use Case Name: favComment

Participation actors: User

Goal: Let the user favourite a comment

Trigger: User presses a button to favourite

Precondition: The user wants to favourite a comment

PostCondition: The comment is indicated as favourited.

Basic Flow:

- 1) User presses the <3 button.
 - 2) The comment is favourited
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Exceptions

Test

- 1) is the commented indicated as favoured?

12.) As a user, My favourites and their replies should always be available to me regardless of network connectivity.

Use Case Name: accessFavourite

Participation actors: User

Goal: Let the user access the favourites and replies regardless of connectivity

Trigger: User presses a button to access favourites

Precondition: The users have favourites to access

PostCondition: User is able to access their favourite comments.

Basic Flow:

- 1) User presses the favourites button.
 - 2) User is able to see their favourite comments and replies
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Exceptions

Test

- 1) are the favourites properly saved?
- 2) Is the user able to access all favourites?

13.) As a comment author, I want to edit my comment.

Use Case Name: editComment

Participation actors: Author

Goal: Let the author edit their comment

Trigger: User presses an edit button

Precondition: The author wants to edit their comment

PostCondition: The author comment is edited to what they want.

Basic Flow:

- 1) Author presses the edit button.
 - 2) Author types the new text.
 - 3) The comment is edited.
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Exceptions

Test

- 1) Can the author see their comments?
- 2) can the author select the edit option?
- 3) is the comment edited?
- 4) Only the author can edit the comment?

14.) As an author, if I have internet, I want my comments pushed and shared with all other users of the app immediately.

Use Case Name: immediateShare

Participation actors: Author

Goal: Have the author's comments pushed and shared when they have an internet connection

Trigger: Author presses a button to push their comment and share it

Precondition: An internet connection exists for an author to share/push their comments

PostCondition: The comment is pushed to the app immediately.

Basic Flow:

- 1) Author presses the post button.
 - 2) Author types the text they want to post.
 - 3) Comment is posted with an internet connection.
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Exceptions

Test

- 1) app connects to internet?
- 2) internet connection exists?
- 3) the author's comment is posted?

15.) As a user, I want to see the latest greatest comments immediately.

Use Case Name: latestGreatest

Participation actors: User

Goal: Let the user see the most recent best comments

Trigger: User presses a button to see latest greatest comments

Precondition: User wants to see the latest greatest comments

PostCondition: The user is shown the latest greatest comments.

Basic Flow:

- 1) User presses the latest greatest button.
 - 2) App retrieves the latest greatest comments.
 - 3) User is able to see latest greatest comments.
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Exceptions

Test

- 1) are the latest greatest comments retrieved?
- 2) the user can see the comments?
- 3) only comments within a certain time period are chosen?

16.) As a user, I should see the most fresh comments.

Use Case Name: freshComments

Participation actors: User

Goal: Let the user see the most fresh comments

Trigger: User presses a button to sort comments by date

Precondition: A user wants to see the most fresh comments

PostCondition: The most fresh comments are shown to the user.

Basic Flow:

- 1) User presses the most fresh button.
 - 2) The app sorts comments by date.
 - 3) User is able to see the most fresh comments.
-

Exceptions

Test

- 1) are the comments sorted correctly?
- 2) can the user see the most fresh comment?

17.) As a comment author, my geo-location should be the default location of the comment I am authoring

Use Case Name: defaultLocation

Participation actors: Comment Author

Goal: location is automatically my current location

Trigger: N/A (as it is automatically done)

Precondition: a comment author makes a comment

PostCondition: The reply is posted with the location being the current location of the author

Basic Flow:

- 1) Comment author makes a comment
 - 2) Comment author pushes “post”
 - 3) Comment is automatically published with the location being the current location of the author
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Exceptions

Test

- 1) is the location the current location of the author?
- 2) is the author not forced to choose location before being able to post?

18.) As a comment author, I want to change the geo-location of my comment

Use Case Name: changeLocation

Participation actors: comment author

Goal: Let the comment author change the location of his comment

Trigger: Comment author wants to change location of comment, pushes button “Location”

Precondition: A comment author has a comment he wants to publish under a different location than his location

PostCondition: The reply is posted under a different location than the one the author is in

Basic Flow:

- 1) Comment author finishes comment and wants to change default location
 - 2) Comment author presses button called “location”
 - 3) Comment author changes the location of his comment
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Exceptions

Test

- 1) is the location changed on the comment?

19)

Use Case Name: ReplyComment

Participation actors: User

Goal: Let the user post a reply to a comment

Trigger: User presses a button to reply

Precondition: A comment exists for it to have a reply

PostCondition: The reply is posted under the top level comment with an indent.

Basic Flow:

- 1) User presses the reply button.
- 2) User types the text they want to reply with.
- 3) User is able to see their replies.

Exceptions

Test

- 1) are the replies shown?
- 2) are those replies from the top level comment that the user choose?
- 3) is the reply what the user typed?