

# Proxima — Discover the world, one post at a time

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*Although people get closer through social media, they are physically farther than ever, so we present you Proxima.*

Imagine a social app that encourages people to visit interesting places instead of staying at home. It allows people to share posts, but with a catch: one has to physically move to the place the post was published in order to read it.

Our application follows the requirements in the following ways:

- **Split app model:** It uses Google Firebase to save the posts and comments, and to retrieve the nearby posts.
- **User support:** In order to post, one must have an account.
- **Sensor Use:** The GPS sensor will be used in order to track position and know which messages to display.
- **Offline mode:** It can be used offline by caching the posts at places we have already been, and showing the nearby cached posts.

The features ideas of our application sorted by descending order of priority:

1. User authentication.
2. Users can publish posts, which are composed of a title and a description, and embed the position where they were published.
3. Users see a feed composed of the posts which were published less than 100m of their current position.
4. Users can publish comments on the posts they can see.
5. The application caches the posts surrounding the user, when they move.
6. When offline, the feed is composed of the posts which were cached and that are less than 100 m of the current user position.
7. Users can upvote and downvote posts (but not comments).
8. Users can sort their feed based on downvote and upvotes, or according to the time they were published.

9. Users can put comments on comments; yielding comment threads.
10. Users can upvote and downvote comments, and sort them by time or popularity.
11. Users have a simple profile consisting of a username and a profile picture.
12. Users gain “Centauri” points from interactions in the app, such as posting or commenting. They gain extra points by traveling further between interactions. These influence sorting of posts in the feeds and appear in profiles.
13. Users with many Centauri points have cosmetic rewards on their profile and posts.
14. Users are periodically challenged to visit a recently trending post near them, giving them Centauri points.
15. From a challenge, it is possible to launch the Google Map app that shows the path to the post.
16. Heat map of the areas containing trending posts.
17. Users can see the title (but not the content) of their own posts on a map, even when they are far from them or offline.
18. Users can delete their posts and comments, even when they are far from them.
19. Users can filter out comments with bad upvote/downvote scores.
20. Users can modify the distance from which their posts will appear to other users.
21. Support for media files such as photos, GIFs and videos.
22. Users can see automatic translations of posts, to facilitate understanding.
23. Automatic detection and moderation using banned words, and possibly artificial intelligence API.