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iLonely App

**Description:** The software project is based on the social connection app Nearby. Nearby is a smartphone application that enables users to match with each other based on proximity. Our app is similar in that one can connect to other users based on proximity. ​For the most part, we try to keep the functionality and design of our app as close to its inspirations.

**Links:**

* [Nearby](https://play.google.com/store/apps/details?id=com.synergetechsolutions.nearbylive&hl=en_US) on Google Play Store

**User Stories:**

1. **Registration**: As a person interested in using Nearby, I want to register for an account so that I can login/logout.
   1. Be able to create an account. Requires an email.
   2. Store account data in database safely.
2. **Secure log in:** As a registered user I want my login information to be secure. I do not want others to have access my profile and I want to be able to access my account if I happen to lose my password.
   1. Password recovery (email).
   2. Username recovery (email).
   3. Encrypt password.
3. **Change/ Update Profile:** As a registered user I want to be able to update my profile to accurately describe myself. If there are any changes such as moving or change in interests I would like to be able to show that.
   1. Be able to change password. I will have to type my current password in order to change my password.
   2. Enter/change name, age, gender, current location, profile picture, and bio (250 characters).
4. *(System)* **Match Discovery Setting:** As a registered user I want to be able to broadcast my current location so I can find users nearby me. I want to be able to set the distance I want to find other users.
   1. Be able to change the radius of finding different users (1 mi, 5, 10, global).
   2. Set preferences of which user age range you want to find.
   3. Age slider for discovery.
   4. Map of users within radius (1, 5, 10)
5. **Message Request:** As a registered user I want to be able to connect with nearby users. I want to be able to decline conversations from people I do not wish to talk to.
   1. Request to message users that are near you.
   2. Approve/decline users that want to message you.
6. *(User)* **Discovery:** As a registered user I want to people with shared interests to be able to find my profile and connect with me. I want to be able to follow other users’ profiles.
   1. Follow other users’ profile, if they accept.
   2. Other users can follow my profile, if you accept.
7. **Security**: As a registered user I want to be able to block users that make me feel uncomfortable. I do not want these users to be able to message me or see my profile.
   1. Hide profile from blocked users.
   2. Prevent blocked users from being able to message.
8. **Feed**: As a registered user I want to be able to see the posts of the people that I am following, and the posts of the people that are nearby me.
   1. Post text posts (and pictures?) to feed.
   2. See the posts of users you follow.
9. **Messaging**: As a registered user, I want to be able to have conversations with people I have followed on the app.
   1. Send/receive messages to/from people from my friend network from my electronic device.
   2. View previous conversations.
   3. Delete conversations.
   4. Notifications for new messages (if built in).
10. **Connect with Spotify**: As a registered user I want to be able to share my music with people I am talking to. I want to be able to see the music that other users are listening to.
    1. See other users’ music on their feed
    2. Send/receive songs from other users.
11. **Connect with** **Instagram:** As a registered user, I want to be able to connect my Instagram pictures to my iLonely account.
    1. Link Instagram pictures to account.
    2. Unlink Instagram account and still keep pictures.