

WeUsThem Developer Test

Instructions:

- 1) Place all code to be submitted in a git repo.
- 2) Include a readme file on what you used to build your submission; basic summary of how it works, and how to run your code.
- 3) Include a few screenshots of your UI.
- 4) You will have until 5pm Halifax time extensions will not be given as it would be unfair to others also applying to the position.
- 5) If testing remotely, keep your webcam running throughout the testing period so we can confirm you are the person working on your test.
- 6) Time management is up to you, you can take breaks whenever you would like, but do let us know you are taking a break in case the call disconnects.
- 7) Be prepared to share your screen and give a quick demo of your application at the end of the testing period.
- 8) UI should work, and make sense. But focus on functionality, design is a bonus.
- 9) Ask questions to clarify requirements if needed. If testing remotely enter them into the call's chat and we will answer them when we see them.

Requirements:

- You will need to build a mobile application that is an address book with cloud syncing.
 - We prefer you use node.js for your server backend, and preferably a javascript framework such as Angular, Ionic, or React for your frontend. You can use other frameworks if you are uncomfortable with javascript, but Javascript is preferred. If time allows, run this on a phone or phone emulator using a tool such as cordova, or method best suited to your implementation.
- App Functionality
 - Creating, updating, deleting contacts
 - Contacts will require at minimum the following fields:
 - An Image
 - First Name
 - Last name
 - Email (with simple verifier on syntax)
 - Phone number (with simple verifier on syntax)
 - All Contacts will be saved to server (server can just be webserver running on localhost)

- When opening the app in a different device or browser, it will connect to the server to retrieve previously saved contacts.
- Interface will include:
 - a list of contacts
 - Sorting/filtering options
 - Search

Bonus:

- Functionality to quickly and easily share contacts to other users.