

Salesforce Client Developer test

Overview:

This task will represent client side skills, in specific, with SPA using Angular framework that supports mobile UI & offline operations.

“Customer requirement”:

Allcloud wants a web app to manage contacts via mobile devices and also to allow all this functionality in areas with unstable/no network connectivity.

Tasks:

- Create an app that has contact list(index) & detail page (create / edit)
- Use database in your server to store the data
 - You can use sqlite DB see ex : <https://github.com/GalakFayyar/node-sqlite-api>
 - The backend is not tested so you can do it with anything that you know ex : python, etc...
- Index page (list contacts):
 - Show list of contacts
 - Show a few important fields & an image.
 - Click on a record will route to detail page
 - On the top of the page there will be 2 actions : new contact, add random records
 - add random records - fill generated data to the DB by using <https://randomuser.me/> service (10 records)
 - new contact - open clean detail form -> On save will redirect to index page
- Detail page:
 - On the top of the page there will be 2 actions : edit , delete (not if the record is new)
 - Detail page presented as view mode , pressing on edit change the form to edit mode
 - Show form with fields: name, full address, email, phone, cell, registration date, age & an image
 - Set validation on field: email, phone fields
- Offline mode:
 - All the app should function in offline mode
 - If we change records (CRUD) we want to be able to change all of this in the client in offline mode and all will be synced to the backend when there is connectivity.
- UI guidelines:
 - The app should have a mobile first UI
 - This is the concept guideline of the UI (not mandatory, just so you can have a visual understanding) IMAGE BELOW
 - If possible we want to see how you handle css (without framework)

Expected results:

- Link to fully working github repo + instructions (readme file)

Concept UI

