

FULL STACK JAVASCRIPT PROGRAMMING TEST

Client side:

One of the following has to be completed in a few days:

1. RSSFeed reader: Create a multiplatform RSS feed reader using cordova and AngularJS that has the following features:
 - Several RSS feeds can be added.
 - Read articles are remembered, this should be saved as the state of the application. If the application is restarted the read articles should be honored.
 - Articles can be favorited; this should be saved as the state of the application. If the application is restarted the favorited articles should be honored.
2. Image Manager: Create a multiplatform application using cordova and AngularJS that allows to take pictures using the native camera app and that allows to organize the images in collections. The images should have the following details:
 - Time and date when the image was taken.
 - Geolocation of the image.
 - Image should be searchable by location or time.
3. Contacts Manager: Create a multiplatform application using cordova and AngularJS that allows to load the contacts from the native addressbook and allows to manage them within the application allowing to:
 - Add metadata data to the contacts added to the application.
 - Add images to the contact (using the native image library of the camera app).
 - Allow searches of the contacts.

Server side:

1. Create a node.js rest API that allows to manage an online contact application via authenticated users. There has to be an end point per addressbook per user that should store and manage the contacts in a non sql database, MongoDB is preferred.
2. Create a node.js rest API that allows to create image albums (similar to Flickr) that will store all the image in an efficient manner and will manage albums in a non sql database, MongoDB is preferred.

Unit tests, software design, testability etc. will be considered as part of the software quality. Therefore, they are not wasted effort.