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- II. Quantacts
- III. Quantacts is a database to store your contacts. It is similar to the apple contacts application on iphone, ipad, and laptops.

<u>Fields</u>
First Name
Last Name
Number(s)
Email
Address
Note

1. MySql will be used to run the application. A bonus feature will include multi-access point updates. For example, the Google contact application, which exists online, can be accessed using Apple Contacts via CardDAV protocol. Some bugs that the application hopes to gain a better insight are:
 - a. server glitches when trying to update a contact from the phone or laptop when logged into Google contacts on the browser.
 - i. An automatic merge feature can be helpful here. Currently a contact update from a device overrides a simultaneous update from another device.
 - b. the Apple contacts sometimes closes the view when creating a new contact or updating a contact when not saved quickly. Apple contacts by default either creates a NONE contact that is unsearchable but accessible in the view window or reverts back to the previously saved update.
 - i. The sync setting has the user select a timer for when the Apple contact refreshes with the Google server. It does not account for whether the user is creating or editing a contact real time.
 - c. The Apple contacts allows users to create synced accounts for iCloud, Exchange, Google, Yahoo, AOL, and other Contact Account... For Google the other Contact Account... selection is best practice for syncing and there is room for improvement. The protocols available for other Contact Account are CardDAV and LDAP. In the course of this development a better understanding of the fundamental differences between CardDAV and LDAP will be taken into consideration for the MySQL development and syncing.