**Ionic Capabilities**

The purpose of this document is to verify that iconic has the capabilities to meet all the use-case requirements.

Use-Cases: <http://carewheels.org/images/PDX-CS-Capstone/CareWheels_CareBank_MVP_Project-UseCases-DRAFT1.pdf>

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| # | Description | Comments |
| 1 | Register a new Member in the CareBank (Cyclos & Sense Server accounts) | okay |
| 2 | Display the App Home screen to the User (push: Alert/Schedule, pull: User) | Has functionality for native phone notifications (alerts). Ionic allows for push notifications for android and ios, really nice documentation [here](http://docs.ionic.io/docs/push-overview).  Other platforms may be out of luck. |
| 3 | Display all group Members’ summary Sensor Status and current Alerts | No problems here, alerts can be handled with relative ease.  Also no problems with the graphical representation of the sen.se data ionic allows intergration of other javaScript frameworks (D3.js, etc). |
| 4 | User selects a Member’s icon to display the Member’s Sensor Status screen | okay |
| 5 | User Calls the selected Member based on the Member’s Sensor Status | Making a phone call (while viewing app on a mobile phone). This can be handled with a cordova plugin found [here](https://github.com/Rohfosho/CordovaCallNumberPlugin).  Getting the phone call duration may be tricky, it looks like it’s possible because you can get into native phone api, but we would have to write the code to do this. Call success/failure would be trivial. |
| 6 | App credits the Host User’s CareBank Account (types: view, duration of call) | No problems here. |
| 7 | User login to Cyclos Server to access their CareBank Account screen | Cordova has plugins for native phone alerts(not a notification) pop ups, where you can specify parameters that the user must enter to continue using the app (username/password)  Also there is plugins for OAuth, so users can SSO(SingleSignOn) via google/facebook/etc. |