From: **Simranpal Bains** sp.bains@fremtidmedia.com
Subject: Re: Buy Advisor Groups - Proposed Solution
Date: November 21, 2018 at 9:32 AM America/Los_Angeles
To: Abbasali Kermali abbasalikermali@gmail.com
Cc: Kyle R kyrenzie@gmail.com, Reza Afzali reza.afzali@fremtidmedia.com, Wasek Habib wasek.edu@gmail.com

Hi Guys,

I would like see some comments from EE group. Feel free to propose any new solution for gateway problem. We are okay with COSC team model (attached), other than the getaway issue. If EE group like to make any change to it please feel free to share with us. To summarize, so far we have three options to go with:

Option 1: Gateway on the Bus - Cheap and easy. However, providing power and internet in the bus are the identified issue thus far.

Option 2: Standalone GPS in the Bus - "LTE enabled small board computer with gps tracker board".

Option 3: New Android App - Will make the project more complicated, time consuming and waste of resources and I don't like to change the scope of the project again. Let's not go with this approach.

Let me know what you guys think.

Regards,

Simranpal Bains
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> On Nov 20, 2018, at 22:02, Wasek Habib <wasek.edu@gmail.com> wrote:
>
> Hi Simran,
>
> Thanks for your reply. Agreed- here maps is better than other alternatives.
>
> Sorry that it wasn't clear before, but glad that it worked out.
>
> Like I said it's just a gateway setup suggestion from the cosc team, it should be under EE team's scope and we are hoping they can come up with some solution. However, you're right that setting up gateway on the bus is cheaper option. Kontakt's tech support said the same thing (last comment)- https://support.kontakt.io/hc/en-gb/community/posts/360001427040-mesh-network
>
> I think there's been a misunderstanding interpreting my suggestion on "using gps". To clarify, I meant we could use only GPS to locate the bus location and then send it to server. No beacon or gateway is required for this option (not even at the bus stop). It can be done with your recommendations (lte enabled small board computer with gps tracker board or another android app from cosc team). In both cases, cosc team will

have to create an extra API to receive the bus location (more server side work!) Worst case scenario cosc team can create another android app to get bus location if EE team isn't comfortable enough, but it will add up to our development time significantly (more app side work + more server side work + more continuous integration setup work!) and cant guarantee if EE team will have enough time to finish their side of work.

Looking forward to your opinion!

Cheers,
Wasek

Attachments:
COSC Solutions.docx (86.43 kB)