SPONSOR MEETING 4

DATE	10 July 2017
TIME	1900 – 2030
VENUE	Sembcorp
ATTENDEES	Jaren, Marcus, Shreyas, Jeryl, Celestine
ABSENTEES	Jazrel
AGENDA	Prototype: - Check with Sembcorp if there are any final changes - Need to finalize and start UI coding App Dev: - Ask to be connected with Sembcorp's Xamarin team - Confirmation of workflows - Check if dev & testing can be done in Sembcorp's facilities (esp in Aug) Backend: - Openfire for backend server - Check with Sembcorp if can use FCM with dedicated channel for sensitive data - Expose connections to Sembcorp dev servers - Connection to Sembcorp active directory - Access to ISOS - Coding Space

AGENDA

Item	Description
1	Scenario Travellers vs Business Trips - Even with undeclared trips as long as they are in the geographical boundary, admin will still know and alert them in times of crisis Backend If possible: admin to be able to reply all similar messages together Crisis mode: Interface will be more simplified. (Suggestions to be implemented later) Types of messages: Like WA – *Text, images, videos* Tap and hold to copy and paste the message in other groups

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ISOS - Sembcorp will try to get trial for us, meantime should try to see another sources.

Push notification – Yes!
Should be Google Firebase, push notification to devices, go through APNS.
Internal messages also use APNS.
Messages will need to be encrypted.
Messages will all go through GCM.

XMPP Sever:
Develop server component -> Connect to server then validate on active directory -> then test

Database:
Will have full access to production Active Directory.
Active directory can only be accessed on site
- Contact Information (Domain (Eg. SembHQ), UserID, Account, Name, Email, Phone No., [Emergency Contact – User to update on their own])
- No SSL certification, will connect to back end server. Go through HTTP will do.

Working inside Sembcorp:
Know date and time
Day time no issue

Server:
Application
Database

Chat Server:
- Free (Open source): Openfire, hosted on windows server

Documentation:
Team will create API documentation (for admin) for Sembcorp as well, if possible for ease of usage.

Coding:
Better to stick to C# for both front and backend, all within dot net.

Licensing:
Apache Open source licensing – Open Fire, REST Sharp
Put it in source code

Caching messaging:

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	Caching of messages not necessary. On the indicator configuration, can see how many days to store. Offline vs Online mode: How many messages should the phone keep? Offline: E.g. by default 7 days or a week, let the users choose – can't be too high – Min 2, Max 14 days.
2	<u>Workflow</u> Comes with own metatag, JSON.
3	<u>UI</u> No major change, good to go to and start coding for UI.
4	<u>Testing</u> Staging to production No automated test scripts
5	Updated Sembcorp on Acceptance Day, Overall schedule of Flow and feedback from Supervisor on FYP Proposal.

6	Steering committee meeting
	3 times:
	  1. Core function are done
	  2. Before UAT 3
	Before live

The meeting was adjourned at 2030 with the next meeting scheduled on <TBC>.

These minutes will be circulated and adopted if there are no amendments reported in the next three days.

Vetted by,
Celestine

Vetted by,
Jeryl

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