

Quote for the Facebook SDK deployment

Requirements:

I will need the following things to be able to complete this project properly:

- An admin access on the facebook page of Cocoon (with a dummy account)
- If you want to track who is answering the messages on FB, each of your employees needs to have their own cocoon account (for instance if they all using the same facebook account to answer the messages I won't be able to make a difference between the employees)
- I need to know what you want to do with this information (tracking the activity of your employees? Getting information on your potential clients? Do tailored prospection? Get a feedback from customers on their facebook discussion? All of it? ^^) so that I can focus on the relevant information (well all information is relevant but some of it more than the rest). But remember that a facebook app can give you real time information about clients, about messages and about your employee.
- I need to need if you have an idea of what kind of visualization you want on this data, or if I'm free to suggest you one.

Time schedule:

So this quote is just for getting the information about the facebook conversations (how many? date and time, recipient...) but we can imagine investigating further on your clients through facebook.

Task	Time needed to complete it
Deploying Jenkins on Kubernetes	Done
Creating an app on facebook	1h
Get the secret token of the app	1h
Create a webhook to get the information	5h
Create a Python program to get the information and fill the database	5h
Create a tab to store all the information in the database (with the correct format)	2h
Create a view on google sheet or google data studio	3h
Deploying the python script on Jenkins	2h-8h (big unknown)

Comments:

The last task: deploying the python script on Jenkins is quite difficult, since this is the first time I am putting a script on a google cluster of servers, I don't know how long this will take. I might encounter lots of issues while doing it or none. So I assume that this will take me between 2 and 8 hours

Delivering

Currently I think I can work between 8h and 12h per week so I think that in 3 weeks it should be done.