We need a system engineer/cto who can build a full development plan.

the system is in development with several developers: it has a web site in asp.net, android app, iphone app, and azure base webhook webapp, and a azure based api webapp. also I plan to use sql server on azure. and use automated schedular for different tasks.

I prefer object oriented method.

I can send u the db design I did myself. Of course it should be updated.

I will send also list of web pages.

before working you should write a general detailed description for each page.

a use case and flow charts for app.

I need very high security standards u should point out for api.

Also automated testing description.

[9/8/2016 9:07:36 PM] Iman Poymer - .NET/PPH:

I my self been CTO for several years so I also will check quality of work before approving.

sending u list of pages so u can see little of this logic.

we should so it in two milestones:

1) technical requirement document based on business understanding - use case and detailing in word all pages for web and app describing fully functionality, security exception handling stress and all other technical issues to be addressed .

2) db schema, app flow charts, web server design class diagram. sequence only needed for key functions. testing checklist for security/stress/functionality + testing working automated test.

[9/8/2016 9:07:44 PM] Iman Poymer - .NET/PPH:

my business model is offering ecommerce sellers/ small businesses/ restaurants/ publisher to take ready to use bots. our system allows drag an drop lego parts to build a flow chart of conversation. each lego part can customized. lego part can be - display menu to choose from list of values. can be ask question and use entity extraction. lego part of date - example to ask users birthday and save it for future use. lego part can be asking user to put image and so on. some of lego parts are bases NLP and some are just allowing selecting value from menu. I also add lego parts that are unique! for example ready to use lego part that askes you about a product from amazon and allows you to but from it. also from ebay. also legopart to set and get access and info from you google account read gmail, read google calendar. from office360. lego part to access your salesforce account to get customers information. google search. if you need a lego part that access you web site/organiazation api you can set your own CURL function and that way the bots connected to your business.

as us can see with these lego part u can build bots with ease.

I am using my simple NLP engine that very fast and once I am not sure also I will use Google NLP that costs money per 1000 messages. google is best also I contact it once I am not sure so I save money and waiting time.

also each lego part allows canceling the flow, go back to previous step, storing the data (for example age of customer). also this information of end user can be shared among bots so they dont ask this question any more.

each lego automatically checks several text input

I have .net webserver hosted on azure that has alot of webhooks and can connect with messaging platforms. It need to communicate with the main api to send message and get answer.

Also my app and site will have their own messaging so they will also connect with main api.

I will send u the list of all pages in site - with requirement. its not fully written.

[9/8/2016 9:07:52 PM] Iman Poymer - .NET/PPH:

becuase the lego parts detect sentiments and if user is not answering correctly (for example lego of datetime ask several times and dont gets datatime answer) or if user is very negative/curses/angry- the bot stops and automaticcly raises event for the bot manager to answer.

allbots will offer beside the bots that connected to which platfrom you select from facebook messanger, telegram, slack and so on - allbots has its own android and iphone app.

which u can use to access information from site.

I will also plan to build a marketplace of freelancers that you can get hire. once you hire a freelancer that for example is support oriented, or expert in something - u will pay also on the 1-100$ usd per 1000 messages. it will work only if the bot transfered conversation to this worker. allbot will charge from freelancer 20% of cost.

becuase of that - business saves alot of money, if the bot is good u enjoy cheap service and if it has difficulties a person will service u. this person is not ur employee but he has to learn ur domain and from the marketspace u can check out info about him. toselect the best.

the apps will allow business owner/or his employees he fired from site - to be available all time. and get notification to get active with converstation. also app will allow u to see live communication- and press a toggle button to close the bot - in cases u want to involve in the converstaion.

please also note all data from user and different Lego parts (lets call them maybe some better name like plugins as they in WordPress). will be saved into a general taxonomy or in a specific domain of customer.

a standard taxonomy tree of user may contain all personal information. and for product order may hold different set of information. its tree because payment details are in the same branch but email or telephone or different branch an so on.

please see this SDD example

<http://portal.unimap.edu.my/portal/page/portal30/Lecturer%20Notes/KEJURUTERAAN_KOMPUTER/Semester%202%20Sidang%20Akademik%2020112012/EKT420%20Software%20Engineering/Example%20of%20Software%20Design%20Document(SDD)/EDDISS.pdf>

[9/8/2016 9:07:59 PM] Iman Poymer - .NET/PPH: we have 3 types of users.

1) the site administrator (these are the allbot.co employees) that has access to the portal + can change pages content + can add bots templates+ can see site usages statistics + can see and manage users. this user uses the site admin page.

2) the bot administrator - those are the clients. they are the people who are buying our service or working for a company that bought the user. the have to login + they access and search templates + can buy template + can see bots information + can update the bot + get notification of bot + can update to which api their bot is connected and how is the conversations flow + stop and start bots + see bot statistics + see conversations sentiment analysis meaning if users are happy or not + define to which messaging platform his bot will work. this user will use the allbots android or iphone app or the site.

3) the end user - this are the users that the bot administrator wants to serve. this end user can use allbots android or iphone app or any other messaging platform that the bot works. the end user will chat and has no use for our site.

our site offers taking ready to use bots from our templates/gallery page

these bots differ in how their purpose is. for example I will have a voting bot - this bot can be bought and you can design him to ask questions from the user and by that you get report. for example a company who wants to set a charity event and don't know where to do it and when - he can refer their users to the bot for getting this information in a simple chat.

also bots differ in languages - we SUPPORT MULTILINGUAL bots. so I want to offer same bot in several languages. meaning their content answers and questions is per language.

bot differ in which apis they can work with. for example in a bot that is eCommerce to ebay. you can ask to search items, and the bot already has builtin api connectivity to ebay and can get these results and write it in the chat. also same thing for buying from ebay.

please pay attention that I already have developed external apis to many site. and these apis will be used in our bots.

some bots can set appointments, and use the google calendar api or office 365 to check calendar. the bot appointment type can serve a doctor appointment. in this case the user chat and get information on their appointments, reminders and setting the appointment. the bot admin on the other hand can access the my bots site and see the calendar and manage it there.