Final Chatbot Survey Responses

												How important	do you											
	How many times you encountered requirement of e you familiar with programming with	the What did you do whe you encountered the ile need for		How many programming languages have you	Which programming languages do you use frequently for developing	Generally, how long does it take for you to feel comfortable with a new programming programmin	How useful do you some is think a tool that can two generate code from g natural language prove	Are you familiar with the concepts of	In which of the fields of blockchain, do you think you have in- depth knowledge?	Which to now many do you n guages can you develop s	ols/languages What a ormally use to that yo smart while w	think a tool the generate smart to have faced writing smart cts?	t can t from Have you heard of ge prove Model-Driven	Were you able to generate the smart contract given in the test case?	The interaction with the chatbot was clear	I have the resources necessary to use the chatbot	The chatbot is to	low many times did ou have to refer to the utorial while nteracting with the How helpful was the	What do you have to say about the amount of information that had it to be typed for	How would y How many times did the chatbot i the chatbot respond in the interest i	you rate in terms of What instilled by behir	were the reasons id the chat being How useful do you think the chatbot is?	How good was the chattoot in giving some clarity about the working of smart contracts? About the the working of smart working	
	e you familiar with programming with programming?	programming?	English prove to be?	worked with?	applications/systems /	language? language fo	you? to be?	blockchain?	depth knowledge? wri	te smart contracts? contracts	? contra	cts? to be?	Engineering?	test case?	and understandable	chatbot	olatforms I use c	chatbot? video tutorial?	generating the code?	the wrong way? the chatbot?			I didn't know anything about smart contracts	I had a very wholesome and great experience with the chatbot. I'd really like to see it implemented and
4/27/2021 18:10:39	s			More than 5 but less than 10	C, C++, Python, JavaScript	4 - 8 weeks	5 7	7 No					Yes	Yes	7	7	7 0	Once	7 10	Once	I didn 1 the b	it find chatting with of boring	and iContractBot gave a a lot of clarify about 7 smart contract 6 I clidn't know anything	widely used in the future transactions i make. Im a big fan of automating boring tasks so this feels like orthracts to choose from to expedite the process even further
4/27/2021 18:49:29 4720a0cb3M50cbb29b7e7ta216127e				More than 1 but less than 5	C, Python, Dart	2 - 4 weeks	4 ?	2 No					No	Yes	6		A 10	viore than five times but ess than ten times	7 3.1	More than once but less than five times	I had to typ 2 multir	to type a lot, I had e the same things ole times	about smart contracts and iContractBot gave a a lot of clarify about 6 smart contract 6	The whole idea is really nice. I personally learnt a localing to explore this field in near lesser text to type. Also, some spelling mistakes can be corrected automatically.
***					C, I years, Dan	2 - 7 1100-3		. 110					100	163			7.0	and their fort diffical		The street		to type the same s multiple times, I I many errors while	I didn't know anything about smart contracts and iContractBot gave	It will really good if there was an auto
4/27/2021 21:28:19	Never	Never needed programming	1	7				No					No	Yes	4	6	5 N	fore than ten times	7 2 h	More than ten times	intera 3 iCont	cting with ractBot	only some clarity about 5 smart contract 3	There were some issues in detecting my requests , compilation in the chatbot, which reduce the 6 and the chatbot detect different thing
																					I had to typ multip	to type a lot. I had e the same things sie times, I faced errors while	I didn't know anything about smart contracts	1. When I yeard that if does want to add more parameters. The to chashly look it as a year and created any parameters. The to the bid objects parameter is a large parameter. I have provided the constant of parameter in anyways. During the constant of parameter is anyways and the constant of parameter is the year of the parameter is the creation of parameter is parameter is the creation of parameter is parameter is the creation of parameter is the definition of the parameter is the creation of parameter is the definition of the parameter is the parame
4/27/2021 21:34:27 cb3d895c5f394f9d7a9ea143e13efcf6 b22548f5d247329015fab5cffcb20b31 Y				More than 1 but less than 5	C, C++, Python, Java, MATLAB	2 - 4 weeks	4 7	7 No	I normann in death				No	No	4	7	7 k	fore than five times but ess than ten times	7 4 1	More than once but less han five times	intera 5 iCont	ecting with ractBot	about smart contracts and i Contractible (gave a a lot of clarity about 7 smart contract 7	3. The bott got stack and gave error when I tried to ed. A drop down list to choose from could be entered framsaction when it had no e parameters. (probably array indexing error) Non-coders won't know int or string.
4/77/07/1 11-19-73; inflortat/0454ab196/ab1196/edb1724.th/97				More than 5 but less	C, C++, Python, Java, JavaScript, MATLAB				I possess in-depth knowledge in smart contracts and other fields related to blockchain (like cryptocurrency, security,	Hyperied; 2 Hyperied;		etely new syntax, if community t, Also few entation and you to be familiar with form itself			_			dore than five times but ses than ten times		Wore than five times but	I had	to type the same	I already knew about 6 smart contracts before 4	Maybe better NLP algorithm will help and boost the usability of the chathot, mercever I not hosever, its little bit frustrating dealing with the content of the chathot dealers of the covered in the generated the code, it will be 7 chatbot as I keep misunderstanding what I want I covered in the generated the code, it will be 7 chatbot as I keep misunderstanding what I want I covered in the generated the code, it will be 7 chatbot as I keep misunderstanding what I want I covered in the generated the code, it will be 7 chatbot as I keep misunderstanding with the property of the content of the code of t
4/27/2021 21:48:31 3b4dbd80944dc67abf90e7db65defb7 84418d1939d3c8066675cc64c6a5704 Y				More than 1 but less	C++, Java, JavaScript		5 7	T Van	I possess in-depth knowledge only in smart contracts	2 Pryperies	Too ma	iny errors, etely new syntax	7 No.	Yes			N.	fore than five times but ess than ten times		More than ten times	I didn	s multiple times It find chatting with oit boring	I already knew about 5 smart contracts before 5	/ chancot as it weep misunderstanding want I want. To be able to generate smart contracts in different language is really interesting, I would like to see the 8 future development of this tool 8 future development of this tool
									I possess in-death	,				-							I had	to type a lot. I had	about smart contracts	
427/2021 223124 \(\text{blook0770xxx39900x361x119571945}\) 4334/n3503841169508x3742x38 \(\text{N}\)	Never	Never needed programming	,	7				Yes	knowledge only in cryptocurrency				No	Yes	7	7	4 k	fore than five times but ses than ten times		Once	I had faced intera	e the same things le times to type a lot, I many errors while citing with maching touches	a lid of dainly about 7 wheat controls 1 dated 1 know anything about emet controls	If it every sensitive treatest particular structures of sentence. There were some began when the entity manner was not deprine proceed properly will be a manner was not deprine proceed properly will be a made to the contract the sentence of the annual
4/27/2021 23:21:48 4bfdf7487eae3dee30590fb412c743ff 7342fbab01b114f1f8c4cbc1a0a9089a Yi	s .			More than 1 but less than 5	C, C++, Python	Less than 2 weeks	4 5	5 No					No	Yes	5	2	2 1	fore than once but less han five times	6 5 N	Wore than five times but ess than ten times	under 5 doing	rstand what I was	only some clarity about 5 smart contract 4	
4/27/2021 23:32:28 9439aec52eb100234ad0d3t64471b575 tbe42e34ca86d5fellica867c51a7065d N	Occasionally	Never needed programming		5				Yes	I possess in-depth knowledge only in cryptocurrency				No	Yes	5	. 7	. N. 5 k	Vicre than five times but less than ten times	7 4 ti	More than once but less han five times	to typ multig marry intera 2 iCont	to type a lot, I had e the same things le times, I faced errors while cting with ractBot to type the same	I didn't know anything about smart contracts and (ContractRist gave a a lot of clarity about 7 smart contract 5 l didn't know anything l didn't know anything	More clastification on the existing types for the people who doesn't have programming background (like me: 0) I client't know what string to be honest. Moreover, it good to give options or suggestions to less the typing
		Asked a friend for help															h	fore than once but less	_	More than once but less	things	to type the same s multiple times, I i many errors while cting with ractBot	I didn't whow anything about smart contracts and iContractBot gave only some clarity about 7 smart contract 2	
4/28/2021 2:27:56 16852b2a3ac0cd7e69c801169eddb57a 238b09200cee2c502c636bce8f99427d N	Occasionally	who knew programmin	ig 7	7				No					No	Yes	6	6	4 1	han five times	7 2 1	han five times	3 iCont	ractBot	7 smart contract 2 I clidn't know anything about smart contracts and I ContractRict gave only some clarity about 7 smart contract 2	7
4/28/2021 3:53:54 78cld1103177ea7be154ddd73ec3f35c #f0e1654c3d20631d87a086567792184 N	Never	Never needed programming	-	7				No					No	Yes	5	5	4 1	fore than once but less han five times	6 20	Once	I didn 3 the b	It find chatting with of boring to type a lot, I had		9 no The charbot detects the request wrongly, and I
4/28/2021 4:08:20 5049c900dfd05a67cefc125dffa8249d 65737bff67b87bb56321f35c0b678b6f Y/	s			More than 1 but less than 5	C, C++, Python, Go, JavaScript	Less than 2 weeks	4 7	7 Yes	I possess in-depth knowledge only in smart contracts	Solidity, H Fabric, Hy 4 Compose	Too ma Pyperledger Comple yperledger Lack of r, Truffle suppor	iny errors, etely new syntax, if community t	7 Yes	No	5	i 5	4 h	More than ten times	5 A 16	More than five times but ess than ten times	to typ multip many	e the same things ple times, I faced	l aiready knew about 5 smart contracts before 4	thing NLP require a lot of work to make work. correctly, The code was not generated. I have tited multiple use cases but it only generated a domain specific language. There were issues with editing the element.
		Tried to learn the																			I had to typ multip many intera iCont	to type a lot, I had eithe same things leitmes, I faced errors while cting with ractBot, I couldn't	I didn't know anything about smart contracts and card get a hang of it even after using	1. If the contract was not generation, the user should be notified. 2. Instead of creating the code in a folder. To complete a use cases I had to refer and follow the same structure of the request in time video and the same structure of the request in time video and the studied and in the end the contract was not. 3. There is a list of byping which result into generated. Although I have request the same thrino memory.
4/28/2021 4-21:22 3a5d2d4fd88eb6456c09e871abd5f9de 8252baeaa0e7dcfc2fbacb214dc76f50 N	Occasionally	programming language but couldn't do it	6	6				No					No	No	4	5	4 h	Acre than ten times	5 4 1	Vore than five times but ess than ten times	5 doing	rstand what I was	it even after using 3 (ContractBot 2	but used different structure I keep getting "sorry!" down list! might help in the experience with the charter the charter of the list of the charter of the list of the charter than one complex the use case was the more the thin the charter of the list of of
4/28/2021 6:23:54 9439ai7/68a1fe123a6090ea852e81bbd 8:055480a24ai28920e196995784e6145 V	s			More than 5 but less than 10	C++, Python, MATLAB	Less than 2 weeks	5 7	7 Yes	I possess basic knowledge only in smart contracts				No	No	6	5	5 kr	dore than five times but	6 2 li	More than five times but ess than ten times	I face while 3 iCont	d many errors interacting with ractBot	I already knew about 5 smart contracts before 5	• Until gay for organize this used cases was the more the more the character indexes it freed a complex case and is flaugated have to generate the servant contracts, sometime E's generated and most off the times it desert generate the servant or the times it desert generate the servant contract at the times it desert generate the servant contract at an experiment of the servant contract at the contract generate the servant contract at countering the contract and servant contract at the contract generate the servant contract at the servant generate the servant generate the servant contract generate the servant generate the servant generate the servant generate the servant generate the servant generate the servant generate the servant generate the servant generate the servant generate the
4/28/2021 11/01-51 (5/89/03/es/10/05/es/11/0-23/e5) 13/02 (5/8-es/06/87/11/11/64/05/es/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/11/07/e5/06/e5/06/e5/11/07/e5/06/				More than 1 but less than 5	C C++	2 - 4 weeks		7 No					Mo	No		ļ	4.6	Once	7 48	More than five times but eas than ten times	2 I bad	to type a lot	I didn't know anything about smart contracts as a last of charty about a last of charty about a last of charty about 4 smart contract 4	1. One great feature I found was it works even when american can be posed in instead of full minor type errors are present. Inches present feature I found was it works even when american can be posed in instead of full minor type errors are present instead of full minor type errors and the present instead of full minor type errors and the present instead of full minor type errors and the present instead of full minor type errors are present to contact the contact for the present errors are presented for the present errors. I the bod is used for long, appearation can be added from post exp. Maybe like in GMail. For Perceptional, could for the seattle.
4/28/2021 19:47:54 6070c406c5e2f97525a069b846d4c580 9697f56f2f53481ddecc7289db44bb0e Y				More than 1 but less	Python, JavaScript			Yes	General Concept and foundation				No	Yes	6	7	h.	Acre than once but less han five times		Once	I didn	't find chatting with	I already knew about	
4/28/2021 20:40:49 bbabedd507e4f883457c37d30263c77c 7eb5a338fd7ee10d7281ad8ff2758ff2 Y.	4			More than 1 but less than 5	C, Python, JavaScript	Less than 2 weeks	2 7	7 Yes	I possess in-depth knowledge only in smart contracts	Solidity, T 1 Ganache	ruffle, Lack of support	f community t	6 No	Yes	4	6	6 0	Once	7 5 ti	More than once but less han five times	I had to typ 2 multip	to type a lot, I had e the same things ole times	I already knew about 5 smart contracts before 5	Too much of writing is required. It did generated the smart contract correctly but I wouldn't have white specifying the details of any parameters if I haven't had worked with smart contracts earlier. For information of the parameter should suffice. any needle pour need to make it more informative. Also, you can created a more informative UI
4/28/2021 21:16:13 627be9ic96a05892b2eft0a0683438441 18a25c3cd00536b346e5e3fcabe9i21ee Y				More than 5 but less than 10	C, C++, Python, Java, JavaScript, Lua	Less than 2 weeks	4 7	7 Yes	I possess in-depth knowledge only in cryptocurrency				Yes	Yes	6		6 0	hore.	7 . S. f.	More than once but less han five times	I had to typ 5 multir	to type a lot, I had e the same things ole times	I already knew about 6 smart contracts before 6	Rather than getting too technical about the questions (words like parameters etc), you could 6 make the questions more user friendly.
																					I had	to type a lot. I had	I didn't know anything about smart contracts and if contracts over a	
4/29/2021 2:54:52 8de436b3f9670c411b3efd9c562605b2 27dedf06e6e02eae770ee16bb9be088c V	s			More than 1 but less than 5	C++, Python, Java, JavaScript	2 - 4 weeks	5 5	5 No					No	Yes	4	6	5 ti	fore than once but less han five times	7 4 1	More than once but less han five times	to typ 5 multip	e the same things ple times	a lot of clarity about 7 smart contract 6 I didn't know anything	9 Maybe some drag and drop to reduce typing
4/29/2021 2:59:41 a0785230586657ee911acke9944s1c6 4a434456468666056akce8668166ee9 Y	s			More than 1 but less than 5	C, C++, Python	Less than 2 weeks	5 6	5 No					No	Yes	5	5 5	5 tl	ofore than once but less han five times	7 3 tl	More than once but less han five times	I had 2 thing:	to type the same a multiple times	about smart contracts	The overall experience was great, but the only thing to the experience was great, but the only thing NLP to improve the challed understanding, would be great. The blooking are the points about, Contradition task. For the commands to work, they must be very extract the topic and the property of the commands to work. They must be very extract the topic and the property of the prope
																								of everything and the lot of all price in andom stuff indigents to what are success in 18 to 16.0 i.m. and indigents to what are success in 18 to 16.0 i.m. and indigents to what are success in 18 to
4/29/2021 8:27 01 - Clist feet (1908/8886528011(07/497022) - 668/eds/886/c2al/10842844a7fi-666(02) Y	a			More than 5 but less than 10	Python, JavaScript	2 - 4 weeks	4 6	5 No					No	No	2	: 6	1 k	Afore than five times but assithan ten times	5 4 H	More than five times but ess than ten times	to typ multip many intera iCont	to type a lot. I had be the same things the same things the circumstance of the circumstance circumstance circumstance that the circumstance of the circumstance that the circum	I don't know anything and Contractifier gave only some darly about 2 award contract. 2 award contract.	that possibly the name. Observine, can ask and 1, I would have filed it much before to use an ordinal read that the use to be now ever before an ordinal read that the control of the property of of the p
																							I didn't know anything	1) For some questions with yealth a nativers, may be a flowed a flow of fereid a travers instead of the complete sentance. believe that the bot is a great step to bridge this gap 2) For some questions (for example type of given the popularity of block chain. The bot was that to use and I could learn about
4/30/2021 1:37:04 55272111da40a238014ec0298387d154 08cc6e29856a98eb67ce1b8dd2891bd4 Y	s			More than 1 but less than 5	C, C++, Python	Less than 2 weeks	3 7	7 Yes	I possess in-depth knowledge only in cryptocurrency				No	Yes	7	, ,	7 k	Note than five times but less than ten times	7 3 ti	More than once but less han five times	2 I had	to type a lot	I didn't know anything about smart contracts and (ContractSide gave a a lot of clarity about 7 smart comtact 5 i didn't know anything i didn't know anything	believe that the do not a signal alloy to entrage this post. The Dod wask in the sea and cloud list and search and the search and contract thanks to the laboration. So create and could list and contract thanks to the laboration as to make a search and contract and the search as the search and contract and the search as the search and contract and the search as the search and contract and the search and the
5/2/2021 20:20:31 608c7b84d7d1dc7697cbe08d2f8642c be0d744a3965e00d98f836e0d57427e7 V	5			More than 1 but less than 5	Python	2 - 4 weeks	3 7	r No					No	Yes	7	, 7	7 B	fore than once but less han five times	7 3 t	More than once but less han five times	I didn 2 the b	it find chatting with ot boring	about smart contracts and i ContractBot gave only some clarity about 7 smart contract 7	answered in a single word but I had to write a whole If it can understand some changes in the sentence. If that can be taken care of it would be sentence it that can be taken care of it would be really handy. The work is at a reasons tabage still is meaning it would be really helpful. Keep up the good work.
5/2/2021 22:50:30 900c3ad43110040052523c4123ac2ba1 395d533870880f8b4f88706d1a1c33f Y/	s			More than 5 but less than 10	C, C++, Python, Java, Go, JavaScript, MATLAB	Less than 2 weeks	3 6	3 No					No	No	3	. 6	h. 4 k	viore than five times but ess than ten times	6 4 ti	More than once but less han five times	i nad to typ multij many intera 3 iCont	to type a lot, I had e the same things lot times, I faced errors white citing with ractBot	I didn't know anything about smart contracts and Contracts and Contracts and ContractSot gave only some clarity about 5 smart contract 5	-Show reason for not generation of code in case of errors -Use form datal some sort of GUII for common data insertion