

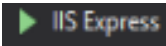
## FIFA WorldCup 2018 Chatbot

I have never created a chatbot before and I have not used Microsoft Bot platform, Google cloud platform and Amazon Webservices. However, I have always been keen on wanting to learn how to use these platforms.

- I have researched these platforms to gain a good understanding of them and have an idea of what to use. I chose Microsoft Bot Platform and .NET to create the chatbot, as this seemed the quickest to learn and a popular method and I can increase my knowledge of C#. I used Bot Framework Emulator to test the bot.
- I broke the task down into pieces and prioritised them, such as:
  - Answer basic set questions about FIFA WorldCup 2018
  - Answer complex dynamic questions
  - Be able to understand natural language
  - Set user preferences
  - Personalised responses based on preferences
- I followed the basic tutorial Microsoft provides, on making a chatbot and then followed some YouTube videos to learn more.
- At this point I was able to create a bot that would answer to pre-set questions. The answers provided were also pre-set.
- I learned about FormFlow, which I will use to get information for preferences and for weather at a location.
- I just learned about LUIS which would allow me to add the natural language communication to the chatbot however due to lack of time I was unable to add this.

I was unable to complete this task within the week time frame due to a lot of time spent during a course I am currently attending and interviews. I was unable to find out how to gather data from a website, in real-time, for the chat bot to use, however with more learning I am sure I could work this out. I have not published the chatbot because I did not want to start a subscription to anything. This chatbot is basic however, in my free time I will spend time finishing the chatbot and learning more about the process.

## How to start ChatBot

1. Download Visual Studio 2015 or 2017 community version.
2. Double click the FIFA\_18\_Chatbot file and double click: FIFA\_18\_ChatBot.sln
3. Once loaded click this button, located at the top of visual studio:  the link listed on
4. Once the webpage opens, download the bot emulator by clicking the link listed on the webpage description or click here to download it ([botframework-emulator-setup-4.0.15-alpha.exe](#) ).
5. Double click the application to open it.
6. Then click file, new bot.
7. Enter in the name field: FIFA\_18\_ChatBot and for the URL copy the URL of the webpage that visual studio opened, paste it into the URL field and add api/messages
8. Click save and connect
9. From here you can start talking to the bot, just say hi.