

# ChatBot Project Work

These projects are for teams of 2 to tackle for five days with a view to submitting for assessment on 29<sup>th</sup> June.

## Outcomes

- A deployed publicly available chat bot that can be accessed and viewed by the instructor to assess

## Assessment Criteria and General Expectations

The assessment criteria will be around

- UX for the chatbot deployed
- Appropriate use of slots and intents
- Appropriate configuration and creation of suitable Lambdas
- The quality of the backend code
- Suitable automated tests to demonstrate use of chatbot under different scenarios
- Suitable unit tests for any back end code you create

## Project Suggestions

These are ideas for teams to choose from. It may be that a team has a good idea of their own; so long as it gives similar opportunities that's fine. Using external data where you can would be great.

Chat bots around the following requirements could be selected:

1. Stock Quote ChatBot.
  - a. Finding out stock prices buy prices and sell prices along with how much you could sell x amount of stock for or buy x amount of stock.
  - b. Obtain various financial statistics about a stock – daily high / low, averages etc.
  - c. Maybe get latest news on the stock
2. Car Insurance ChatBot

In the labs you developed a very basic car insurance quotation chatbot. Can you embellish this with additional features such as?

  - a. Adding and removing drivers
  - b. Initiating a claim
  - c. Cancellation of policy
  - d. Changing vehicle
3. Movie Theatre ChatBot
  - a. What is on and when
  - b. How much
  - c. Maybe buying tickets
  - d. Getting a review rating
4. Pizza Takeaway
  - a. A chat bot that lets you order pizza
  - b. Find out the status of your order