



T5 Boot Camp

Data Science

## Project Proposal

### No.5 Final Project (Deep Learning)

No.	Names
1	Nawaf Almutairi
2	Surayyi Alqahtani
3	Shoug Alkhathran
4	Ahmad Alharthi
5	Faisal Alsufyani

Instructor:

Mejdal Al-Qahtani

- **Problem Statement**

The problem statement is in real world which specifically in the Ministry of National Guard Health Affairs they have a system call a ME service desk which is in simple words if you have a problem, you request an email to the employee who are responsible for the requests to help you. The problem is the process takes too much time to solve it and they are many requests to handle it. So, we will make an interactive AI call that can save the time and effort and decrease the load of the routine problems, in certain cases transfer the client to the real agent.

- **Data Description**

We are generating the data by assuming different scenarios that how the users can perform a requests or follow-up.

**Columns:** Not determined yet.

**Data size:** Not determined yet.

- **Tools**

**Programs:** Python – Jupyter – Google Colab

**Libraries:** Pandas – Matplotlib – NumPy – Seaborn - scikitlearn- SpaCy - Polyglot

–NLTK – TextBlob – Keras – Pickle– Flask – Librosa – Tensorflow- Twilio

- **MVP Goal**

Creating an interactive AI call using deep learning to speed up employee services and improve quality of adding or follow-up any requests from users.