



# AI Engineer Task

36 hrs

## Class Recommendation System

### Objective

The primary objective of this task is to create an AI model that can accurately recommend [trademark classes](#) based on goods and services entered by user, even for items that are not present in the [USPTO ID manual](#).

### Task

- Develop an AI model using technique of your choice to recommend trademark classes for goods and services entered by the user. The AI model will be trained using a large dataset of existing goods and services from the USPTO ID manual.
- Test the AI model with a wide range of inputs, including those that are not present in the USPTO ID manual
- Make REST API which can be integrated by other developers to input description of their goods & services and display the recommended class name as response
- Submit your final project's GitHub repo to [recruitments@trademarkia.com](mailto:recruitments@trademarkia.com) and invite the same email on GitHub

### Resources

- Watch this [loom](#) for explanation about this task
- [Link](#) for Dataset