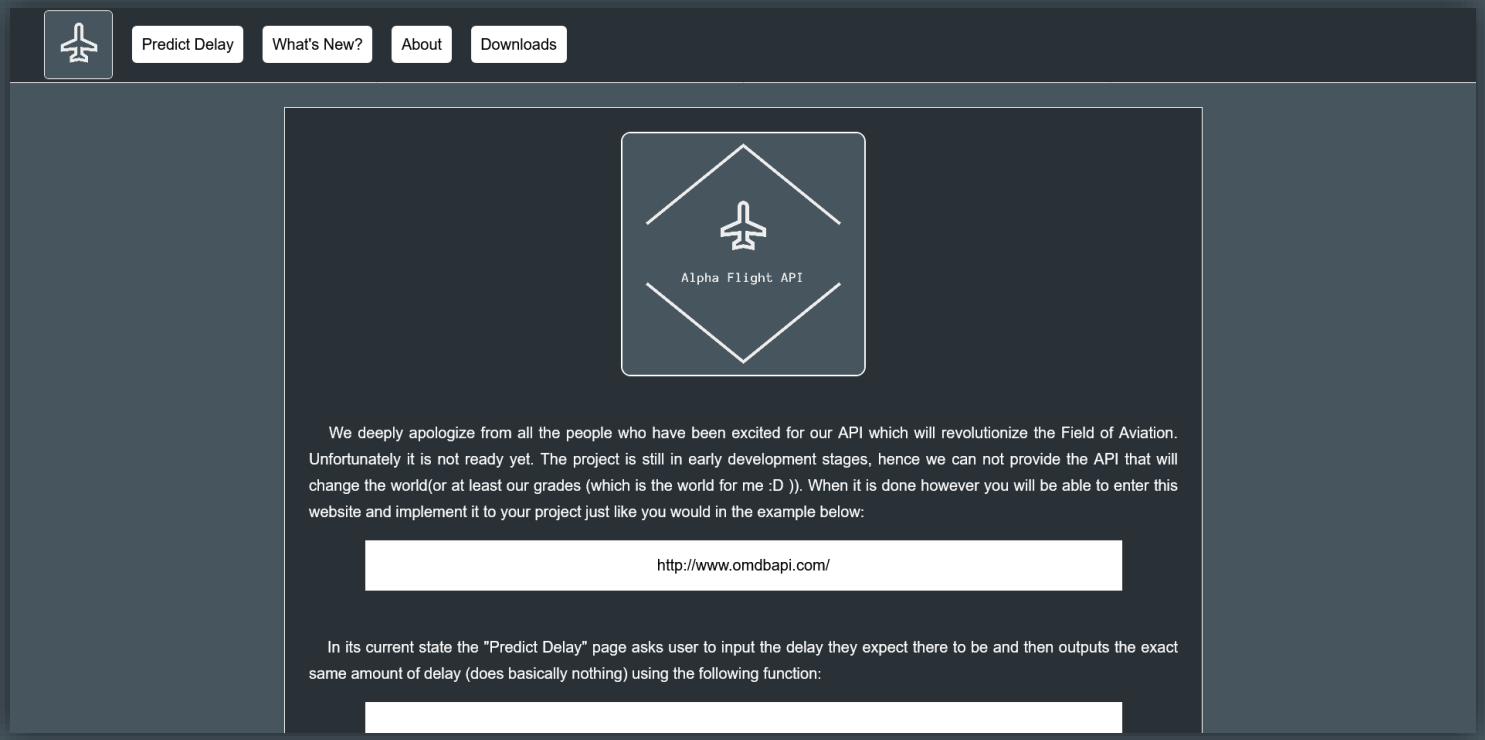
Teoman Berkay AYAZ
1800004169

Dennis BREZINA
1700004948

Zeynep Simge SEDEF
1700003227

Kerem Safa DIRICAN
1800002205



We have developed and set up a webpage to showcase our work.

https://keremec.github.io/alphaflight/

Our Homepage

We deeply apologize from all the people who have been excited for our API which will revolutionize the Field of Aviation. Unfortunately it is not ready yet. The project is still in early development stages, hence we can not provide the API that will change the world(or at least our grades (which is the world for me :D)). When it is done however you will be able to enter this website and implement it to your project just like you would in the example below:

http://www.omdbapi.com/

In its current state the "Predict Delay" page asks user to input the delay they expect there to be and then outputs the exact same amount of delay (does basically nothing) using the following function:

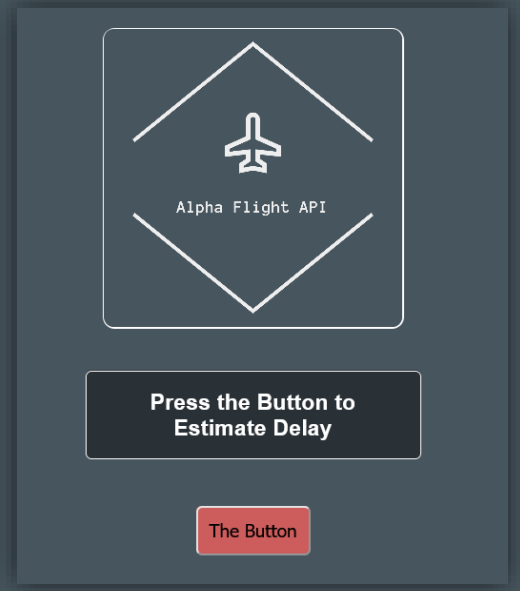
$$f(x) = x$$

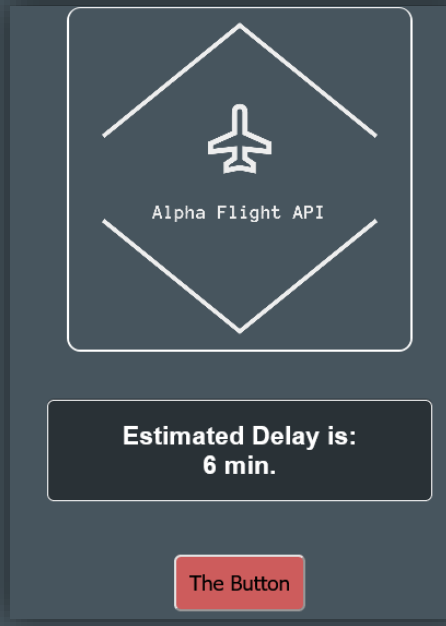
In the later stages we wish to implement a machine learning algorithm using a function similar to below with the features similar to below:

$$h\theta(x)=\theta 0 + \theta 1*x1 + \theta 2*x2 + \theta 3*x3 + \theta 4*x4 + \ldots + \theta n*xn$$

Feature Order	Feature Name
x1	Air Traffic
x2	Weather
x3	Crew Related
x4	Cargo Related
. . .	. . .
xn	Feature n

Predict Delay





What's New

V 0.0.0

Welcome to "What's New" page of our site. Here we will be updating on the progress of our project on a weekly basis. Even though we currently do not possess the technical knowledge to call it a machine learning project, we have developed an algorithm which later on will be used in our machine learning project. And since our project is an API that can be implemented across various projects we decided to develop a website to demo our API(even though it is not ready). If you wish to access additional resources such as; diagrams,code, reports etc. there will be links below to access them.

Resources:	Presentation of Week 5	Presentation of Week 4	Presentation of Week 3

Downloads

Our Python Code

Last Updated : 25/03/2021

Last Updated : 25/03/2021

Documentation

Last Updated : 25/03/2021

Additional Resources

Last Updated : 25/03/2021