**Projecton  
MiddleOut Job Interview Project**Dmitry Gribovsky 317088573

**Workflow planning:**

[ ] Research ONNX

[ ] Create the API on .NET Core 3+

[ ] Web API Project

[ ] Database

[ ] Test API

[ ] Prepare the data

[ ] Find a database of cat & dog images. (CIFAR-10? STL-10?)

[ ] **[idea]** Take an existing database and filter to DOGs, CATs and NONEs with same ratio.

[ ] Create a Conv Model

[ ] Create model base (Google Colab -> CNN)

[ ] Decide on image size

[ ] Decide on classification threshold

[ ] Find existing models online

**Legend:**

X – first priority

**Appendix A  
Project Dataflow**