**Project structure**

Project structure overview for a DNA identification service project. The below show the directories and files:

---- Course Work project ------

README.md

1. Requirements and useful project info

Coursework projects.pdf

Coursework\_checkpoint.pdf

Coursework\_update.pdf

Project scope and guidance.doc

1. Project Structure

Project structure.doc

1. Data

dog\_breeds.fa

mystery.fa

1. Source code

sequence\_matcher.py

align\_sequences.py

probability\_calculator.py

phylogeny\_builder.py

1. Tests

test\_sequence\_matching.py

test\_alignment.py

1. Results

best match results.txt

phylogeny\_tree.png

**Diagram of code organization and code logic**

