**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

a\_Input\_from\_files.py

b\_Sequence\_Alignment.py

c\_Match\_Scoring.py

main\_Sequence\_Service.py

1. Tests

test\_sequence\_matching.py

test\_alignment.py

1. Results

DNA\_Identificaion\_Service\_results.txt

**Diagram of code organization and code logic**

A diagram of a project

AI-generated content may be incorrect.