Sequence Diagram:

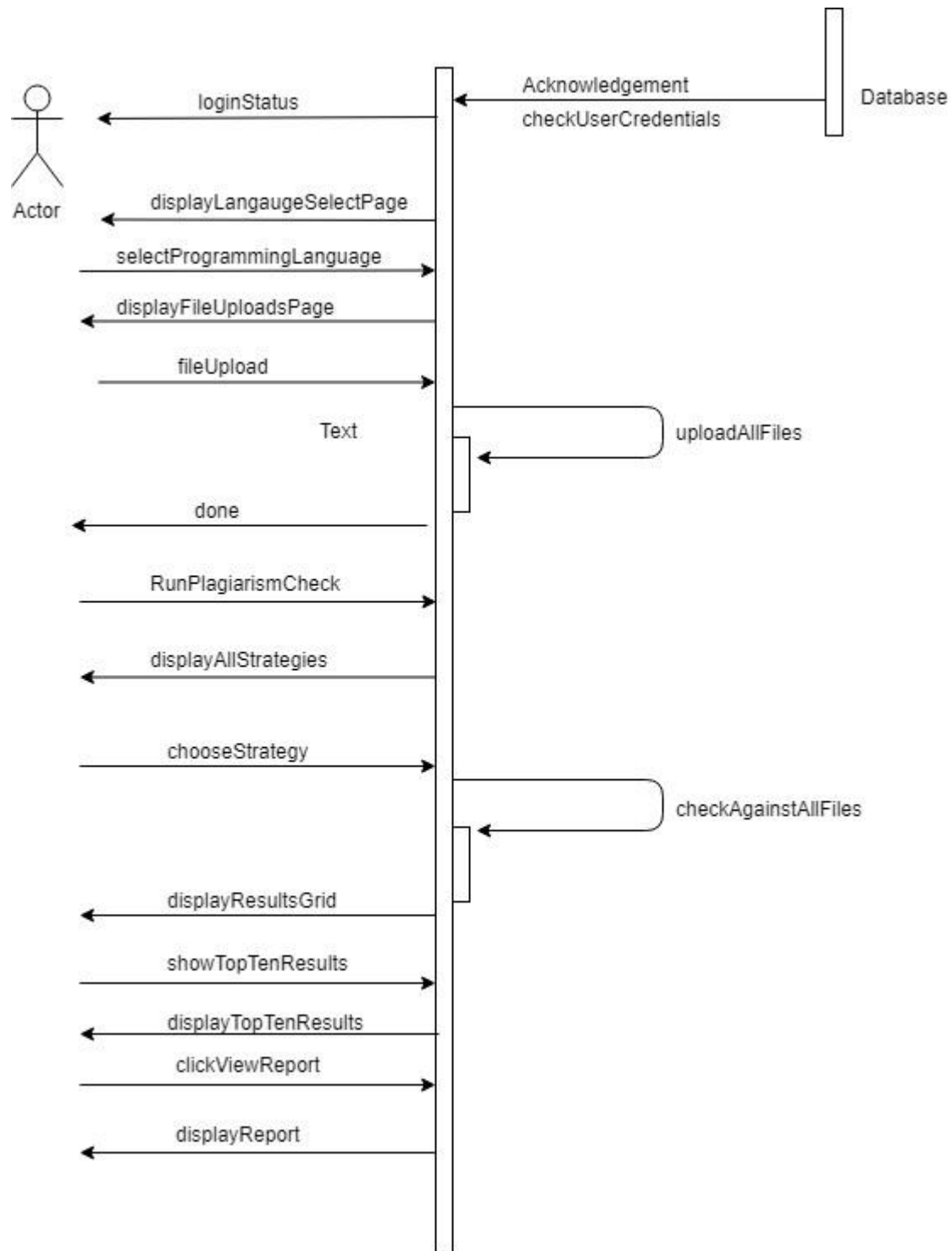Class Diagram:

We've attached the class diagram image in the final folder too.