Programming Test

1. Create a module to add/edit/delete video dialogues. Following fields need to be stored:
   1. Movie Name
   2. Movie Duration
   3. Multiple Casting Details:
      1. Character Name
      2. Cast Name
      3. Cast Gender
   4. Multiple Dialogues with:
      1. Dialogue start time (in HH:MM:SS.ms example 00:00:01.981)
      2. Dialogue end time (in HH:MM:SS.ms example 00:00:02.256)
      3. Character Name
      4. Dialogue

User can add/edit/delete movie, cast or dialogue details. Below is the form for reference:

A screenshot of a cell phone

Description automatically generated

Notes:

1. Do not spend much time on UI. Rough/Basic UI will also work.
2. Chose appropriate field type for each data field.
3. Multiple cast and dialogues can be added.
4. Create a function that transforms sentences ending with multiple question marks (?) or exclamation marks (!) into a sentence only ending with one.

noYelling("What went wrong?????????") ➞ "What went wrong?"

noYelling("Oh my goodness!!!") ➞ "Oh my goodness!"

noYelling("I just!!! can!!! not!!! believe!!! it!!!") ➞ "I just!!! can!!! not!!! believe!!! it!"

// Only change repeating punctuation at the end of the sentence.

noYelling("Oh my goodness!") ➞ "Oh my goodness!"

// Do not change sentences where there exists only one or zero exclamation marks/question marks.

noYelling("I just cannot believe it.") ➞ "I just cannot believe it."

**Assessment Parameters for both tests:**

1. Module architecture
2. Database design
3. Coding Standards
4. Code readability and maintainability
5. Code optimization and efficiency
6. Error handling
7. Design patterns
8. OOPs