

## Group Project Self-Evaluation Form

Course: Data Structures & Algorithms – C++ Project

Project Title and Section: AnimeKinator – Console-Based Character Guessing Game

Date: \_\_\_\_\_

### Group Members:

1. Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

2. Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

3. Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

### Data Structure Principles (30 points)

- Tree Implementation (10 points)  
Did you correctly implement a binary decision tree to guide the question flow in the game?  
☐ Yes      ☐ No  
Comments: \_\_\_\_\_
- File Handling for Data Persistence (10 points)  
Did you implement proper file input/output to store new characters and questions between sessions?  
☐ Yes      ☐ No  
Comments: \_\_\_\_\_
- Efficient Traversals and Updates (10 points)  
Did you use appropriate traversal and update logic for tree modifications and decision-making?  
☐ Yes      ☐ No  
Comments: \_\_\_\_\_

### User Interaction & Game Flow (20 points)

- Console-Based Interface (5 points)  
Was the interface easy to understand and navigate using simple prompts?

☐ Yes      ☐ No

Comments:

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- Dynamic Question-Answer Flow (5 points)

Did the system dynamically respond to user input and follow a logical flow?

☐ Yes      ☐ No

Comments:

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- Learning Feature Working Correctly (5 points)

Was the system able to learn and correctly insert new characters and questions based on user feedback?

☐ Yes      ☐ No

Comments:

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- Replay and Summary Functional (5 points)

Was the replay/exit logic and round summary implemented and functional?

☐ Yes      ☐ No

Comments:

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### Code Quality & Structure (20 points)

- Modularity and Functions (5 points)

Did you break your program into manageable, reusable functions or classes?

☐ Yes      ☐ No

Comments:

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- Proper Comments and Readability (5 points)

Did your code contain comments and follow proper indentation for clarity?

☐ Yes      ☐ No

Comments:

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- Header File Usage (5 points)

Did you use `.h` files appropriately to separate declarations from implementations (if applicable)?

☐ Yes      ☐ No

Comments:

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- No Hardcoded Logic (5 points)

Did your code avoid hardcoding and instead depend on the dataset and user input?

☐ Yes      ☐ No

Comments:

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### Team Collaboration (10 points)

- Equal Contribution from Team Members (5 points)

Did both members contribute equally to planning, coding, and documentation?

☐ Yes      ☐ No

Comments:

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- Joint Debugging and Testing (5 points)

Did the team test the project together and resolve issues collaboratively?

☐ Yes      ☐ No

Comments:

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### Individual Contributions:

Member 1 - Name: \_\_\_\_\_

- Role & Tasks Completed:

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Member 2 - Name: \_\_\_\_\_

- Role & Tasks Completed:

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Member 3 - Name: \_\_\_\_\_

- Role & Tasks Completed:

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### Final Comments:

(Please provide any reflections or suggestions for future improvements.)

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