

# Film Name Prediction Game

Guess the Movie from the Actor's Name (with Hints)

## Introduction

Describe the project's core idea: a game where the user guesses the film title based on actor names, with optional hints to assist.

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## Features

- Smooth, interactive **JavaFX** user interface
  - **MySQL** for data storage and retrieval
  - Hint system for aiding guesses
  - Focus on seamless game usability
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## Technical Workflow

- Launch JavaFX application.
  - Load actor–film data from MySQL database.
  - Display actor names to the user.
  - User inputs guess.
  - System validates guess and provides feedback (with hints if needed)
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## Installation & Setup

### Prerequisites:

- Java Development Kit (JDK)
- JavaFX library
- MySQL server

### Guidance:

- Configure the MySQL database schema for actor–film data.
  - Update database connection parameters in the source code.
  - Compile and run the JavaFX app.
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# Gameplay Instructions

## How to start the game

- Launch the JavaFX application.
- The game window will open showing an actor's name.

## How to enter guesses

- Type the movie name into the text field.
- Press the **Submit** button to check your answer.

## Coin System and Hint Rules

- Each player starts with a set number of coins (e.g., 0 or a balance that increases).
- **Correct Answer:** If the guess is correct, the player earns **+15 coins**.
- **Hints:** If the player is unsure, they can request a hint.
- Each hint costs **5 coins**.
- The hint may reveal part of the movie name or another actor.
- The system updates the coin balance after each action.

## Example Session Flow

- Game shows *Actor: Tom Hanks*.
- Player types **Forrest Gump** and submits.
- Correct → message: “✔ Correct! You earned 15 coins!”
- Balance increases by 15.
- If wrong, player may retry or use a hint.
- If player uses a hint, 5 coins are deducted. Example: “Hint: The movie starts with F...”.
- Player submits again until they guess correctly or give up.