⭐ \**Game's Outstanding Features\**

📊 *Persistent Score System*: Player's highest score is stored in highscore.txt file and automatically compared in each game.

🧠 *Simple Artificial Intelligence*: The game creates random pipes at different heights every time, providing a dynamic and challenging experience.

📝 *Username Display*: The user's name is displayed above the bird, adding a sense of personalization.

🕹️ *Minimalist Controls*: Can be played with only the space (SPACE) key; learning curve is low.

✅ \**Game's Advantages\**

| Feature | Description

| \**Ease of Use\** | Game is played with a single key, easy to learn. | \**High Performance*\*| Provides low-latency graphics rendering with JavaFX. | \**Score Tracking* \*| Persistent score system allows players to track their progress. | \**Randomness\** | Different pipes are generated in each game, increasing replayability.

❌ \**Game's Disadvantages\**

| Issue | Description

| \**Mobile Incompatibility* \*| Only works on desktop devices (JavaFX supported). | \**Graphics Simplicity\** | Graphics are at a basic level, not as impressive as professional games. | \**Single Player Only* \*| No social features like multiplayer support or leaderboards. | \**Lack of Sound Effects\**| The game currently does not include sound effects.

📚 \**Source\**

| Anthropic. (n.d.). Claude. [https://claude.ai](https://claude.ai/) | OpenAI. (n.d.). ChatGPT. <https://chatgpt.com/> | YouTube. (2024, [30 January]).[Code Flappy Bird in Java]. <https://www.youtube.com/watch?v=Xw2MEG-FBsE&t=186s>