Test Cases
Team: Dev dynasty(23915)
Project: MoodSphere

Test Case ID	Test Scenario	Description	Expected Outcome
USR_ERR_1	User tries to log in with an incorrect password.	Verify that users receive suitable error messages for incorrect login attempts.	User receives an error message for an incorrect password or invalid input.
USR_SGN_1	User signs up for an account using valid credentials.	Verify that users can successfully create an account with valid credentials.	Account is created, and the user can log in successfully.
USR_LGN_1	User logs in using valid credentials.	Verify that users can log in successfully with valid credentials.	User is logged in successfully.
USR_EMN_1	User selects an emoji to express their current emotion.	Verify that the system accurately identifies and categorizes user emotions based on the selected emoji.	Emotion is correctly identified and used for music recommendations.
USR_PRF_1	User updates their music preferences and emotional data.	Verify that user profiles are updated accurately with the new preferences and emotional data.	User profiles are updated with the new preferences and emotional data.
USR_DET_1	User's facial expression changes, indicating a different emotional state.	Verify that the system detects changes in the user's emotional state in real time.	Real-time music suggestions match the user's current emotional state.
ML_MOD_1	System correlates user's emotional data with musical attributes using machine learning models.	Verify that machine learning models accurately relate emotional states with musical attributes.	Recommendations are precise and distinguishable based on the emotional states.
DB_INT_1	User's emotional state indicates a preference for upbeat music.	Verify that the system integrates a comprehensive music database to match the user's emotional state.	Recommendations match the user's emotional preferences based on the music database.
UI_INT_1	User navigates to the emotion input screen and selects an emotion.	Verify that the user interface allows easy selection of emotions for music recommendations.	Users can easily input emotions and view recommendations through the user interface.