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| **https://nandhaengg.org/wp-content/uploads/2021/04/NEC_Logo-00.png** | **NANDHA ENGINEERING COLLEGE**  **(An Autonomous Institution), ERODE-638 052** | | |  |
| **DEPARTMENT OF B. TECH – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE** | | | | |
| **MUSIC RECOMMENDATION SYSTEM USING FACIAL EXPRESSIONS** | | | | |
| **Brief Description**  A Music Recommendation System using Facial Expressions is a technology that utilizes a person's emotional state, as expressed through their facial expressions, to recommend songs that align with their current mood. The system is equipped with a camera that captures the person's face and analyzes the emotions displayed through their facial features such as smile, frown, or lip movement. The software then uses artificial intelligence algorithms to match the person's emotional state with suitable music genres and artists, providing a personalized music experience. This system is an innovative approach to music recommendation that offers an emotional connection with the music and provides a unique and engaging experience. | | | | |
|  | | **Real time application:** | **PROJECT TEAM**  **Student Details:**  1.JAGADEESWARAN VP (21AI016)  2.VIKRAM U (21AI057)  3.KISHORE RAJAN K (21AI021)  **Mentor:**  Mrs.T.INDHUMATHI,M.E.,  ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, NEC | |
| * User activation: The user activates the systemby pressing a button. * Facial recognition: The camera captures the user's face and analyzes their facial expressions to determine their emotional state. * Music recommendation: Based on the emotional state, the system recommends songs, genres, and artists that align with the user's mood. * Music playback: The system streams the recommended music, and the user can listen to it through the system's speakers or a connected device. |