

## Individual Contributions

Prepared for:  
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Prepared By:  
Team #19  
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Alex Chavez

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**Ariel (AI and Computer Vision):**

- Implemented emotion detection
- Test emotion detection in different lighting and environments.

**Alex (Spotify API):**

- Implement API authentication.
- Connect the API to the GUI
- Created documentation

**Melissa (GUI):**

- Implemented Basic GUI elements (buttons, text fields) with Tkinter.
- Improve visual design and add features (e.g., display album art, song name).

**Mohammad (Song Selection Algorithm):**

- Implemented algorithm to consider multiple emotions
- Test song selection algorithm refined to use multiple emotional inputs
- Covered main.py

**Project Timeline**

Week 1 (Oct 7 - Oct 13): Initial learning, tool setup, and project structure development.

Week 2 (Oct 14 - Oct 20): Basic functionalities for each subsystem, including emotion detection Individual Contributions and Project Management and API connection.

Week 3 (Oct 21 - Oct 27): Integration of subsystems, improving GUI features and connecting Spotify API.