

# System and Unit Test Report

**Team Name - FRTeam**

**Members -**

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## **Genetic Algorithm Unit Test**

- Scenario
  - a. Open ../test\_assets/ directory with static testing wav files
  - b. Loop through filenames in test assets directory and:
    - Get test parameters from dictionary
    - Initialize genetic algorithm with default values
    - Run Genetic Algorithm using test parameters and filename
    - Assert fitness is within testing threshold