**Test Plan for an AI Model**

**Name: Exemplar**

 

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| Project Name | **AI Midge Project Biting vs. Non-biting** | | |
| Model Type  (e.g. Recognising/Predicting  Images, Audio, Numbers,  Text, Poses) | **Recognising Images** | | |
| Description/Notes | **Testing AI Image Model**  **Training Images**  **16 biting images**  **16 non-biting images**  **4 test images** | | |

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| Software Used | **Teachable Machine** |
| Adv. Settings (if req.)  (e.g. Epochs/Learning Rate) | **Epochs - 50** |

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| Test/Inputs | Expected Result | Actual Result | Confidence |
| **1.png** | **Non-biting** | **Non-biting** | **85%** |
| **2.png** | **Biting** | **Biting** | **63%** |
| **3.png** | **Non-biting** | **Non-biting** | **97%** |
| **4.png** | **Biting** | **Biting** | **96%** |
| Test Comment | | | |
| **AI model correctly identified all test images. Image 2.png has the lowest certainty value at 63%. May adjust Epochs for next test.** | | | |

 

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| Project | **AI Midge Project Biting v Non-biting** |
| Type  (e.g. Recognising/Predicting  Images, Audio, Numbers,  Text, Poses) | **Recognising Images** |
| Description/Notes | **Testing AI Image Model**  **Training Images**  **16 biting images**  **16 non-biting images**  **4 test images** |

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| Software Used | **Machine Learning for Kids** |
| Adv. Settings (if req.)(e.g. Epochs/Learning Rate) |  |

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| Test/Inputs | Expected Result | Actual Result | Confidence |
| **1.png** | **Non-biting** | **Non-biting** | **65%** |
| **2.png** | **Biting** | **Non-Biting** | **51%** |
| **3.png** | **Non-biting** | **Non-biting** | **97%** |
| **4.png** | **Biting** | **Biting** | **96%** |
| Test Comment | | | |
| AI model correctly identified 3 of 4 test images. Image 2.png was incorrectly classified as Non-biting but the certainty value was just 51%. | | | |