

# Test Plan for an AI Model

Name: *Exemplar*



Teachable  
Machine

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

Software Used	<i>Teachable Machine</i>		
Adv. Settings (if req.) (e.g. Epochs/Learning Rate)	<i>Epochs - 50</i>		
Test/Inputs	Expected Result	Actual Result	Confidence
<i>1.png</i>	<i>Non-biting</i>	<i>Non-biting</i>	<i>85%</i>
<i>2.png</i>	<i>Biting</i>	<i>Biting</i>	<i>63%</i>
<i>3.png</i>	<i>Non-biting</i>	<i>Non-biting</i>	<i>97%</i>
<i>4.png</i>	<i>Biting</i>	<i>Biting</i>	<i>96%</i>
Test Comment			
<i>AI model correctly identified all test images. Image 2.png has the lowest certainty value at 63%. May adjust Epochs for next test.</i>			



Teachable  
Machine

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

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