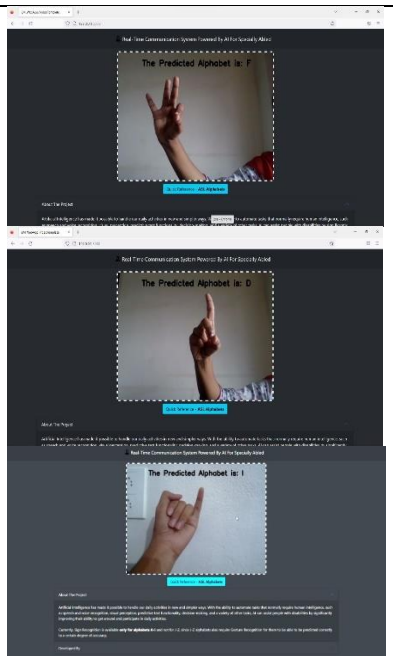


Project Development Phase Model Performance Test

Date	14 November 2022
Team ID	PNT2022TMID22166
Project Name	Project -Real-Time Communication System Powered By AI For Specially Abled.
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	The goal of this project is to translate sign language into the appropriate text. The model is run in a Jupyter notebook and deployed in Watson Studio. Flask applications are then used to show the output.	 <p>The screenshots show a web application interface for a sign language recognition system. Each screenshot displays a video feed of a hand making a specific gesture, a dashed box around the hand, and a text overlay indicating the predicted alphabet. The first screenshot shows the letter 'F', the second shows 'D', and the third shows 'I'. Below each prediction, there is a button labeled 'Predicted Alphabet'.</p>

2.	Accuracy	Training Accuracy – 0.9992 Validation Accuracy -0.9778	<div>Model Training for Real Time Communication through AI for Specially Abled</div> <div>Loading the Dataset & Image Data Generation</div> <div><pre>49 100 50 100 51 100 52 100 53 100 54 100 55 100 56 100 57 100 58 100 59 100 60 100 61 100 62 100 63 100 64 100 65 100 66 100 67 100 68 100 69 100 70 100 71 100 72 100 73 100 74 100 75 100 76 100 77 100 78 100 79 100 80 100 81 100 82 100 83 100 84 100 85 100 86 100 87 100 88 100 89 100 90 100 91 100 92 100 93 100 94 100 95 100 96 100 97 100 98 100 99 100 100 100</pre></div> <div>Saving the Model</div> <div><pre>101 100 102 100 103 100 104 100 105 100 106 100 107 100 108 100 109 100 110 100 111 100 112 100 113 100 114 100 115 100 116 100 117 100 118 100 119 100 120 100 121 100 122 100 123 100 124 100 125 100 126 100 127 100 128 100 129 100 130 100 131 100 132 100 133 100 134 100 135 100 136 100 137 100 138 100 139 100 140 100 141 100 142 100 143 100 144 100 145 100 146 100 147 100 148 100 149 100 150 100 151 100 152 100 153 100 154 100 155 100 156 100 157 100 158 100 159 100 160 100 161 100 162 100 163 100 164 100 165 100 166 100 167 100 168 100 169 100 170 100 171 100 172 100 173 100 174 100 175 100 176 100 177 100 178 100 179 100 180 100 181 100 182 100 183 100 184 100 185 100 186 100 187 100 188 100 189 100 190 100 191 100 192 100 193 100 194 100 195 100 196 100 197 100 198 100 199 100 200 100</pre></div>
3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	NIL