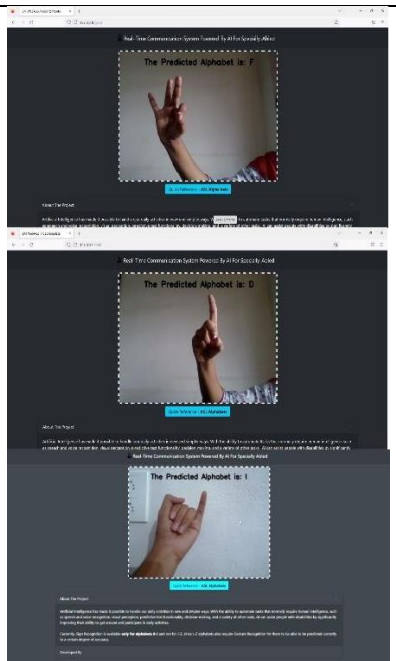


Project Development Phase Model Performance Test

Date	14 November 2022
Team ID	PNT2022TMID31078
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 sign language recognition. Each screenshot displays a video feed of a hand making a specific gesture, with a text overlay indicating the predicted alphabet. The first screenshot shows a hand with fingers spread, with the text 'The Predicted Alphabet is: F'. The second screenshot shows a hand with the index finger pointing up, with the text 'The Predicted Alphabet is: D'. The third screenshot shows a hand with the index finger pointing down, with the text 'The Predicted Alphabet is: I'.</p>

<div data-bbox="241 197 420 222"> <h2>2. Accuracy</h2> </div>	<div data-bbox="652 197 971 222"> <h2>Training Accuracy – 0.9992</h2> </div> <div data-bbox="652 266 984 294"> <h2>Validation Accuracy -0.9778</h2> </div>	<div data-bbox="1143 193 1487 680"> <p>The screenshot displays the YOLOv5 training process. At the top, it shows the model path and the command used to run the training. The main part of the image is a log output showing the progress of training over 100 epochs. Key metrics include Training Accuracy (0.9992), Validation Accuracy (-0.9778), Training Loss (0.0000), and Validation Loss (0.0000). The log also shows the number of images and labels used for training and validation, as well as the time taken for each epoch. At the bottom, there is a section for saving the model, which includes the model path and the command used to save it.</p> </div>
<div data-bbox="241 699 592 764"> <h2>3. Confidence Score (Only Yolo Projects)</h2> </div>	<div data-bbox="652 699 878 726"> <h2>Class Detected -</h2> </div> <div data-bbox="652 766 878 793"> <h2>Confidence Score -</h2> </div>	<div data-bbox="1130 699 1169 726"> <h2>NIL</h2> </div>